



NORTHWESTERN UNIVERSITY

One Hundred and Eighth Annual

COMMENCEMENT

SATURDAY, JUNE 11, 1966

McGaw Memorial Hall, Evanston, Illinois

THE PLEDGE

Traditionally taken by Northwestern Graduates
on receiving their degrees

*With a solemn sense of my responsibility
I pledge myself*

TO HOLD MY DEGREE AS A SACRED TRUST,
WITH UNTARNISHED HONOR TO MYSELF,
IN GENEROUS LOYALTY TO ALMA MATER,
AND WITH FIDELITY TO MY COUNTRY,
MY FELLOW MEN, AND MY GOD.



THE PROGRAM

PROCESSIONAL

(Audience will please remain seated for the Student and Faculty Processional.)

THE NATIONAL ANTHEM

(The first stanza)

(Audience will please remain standing until the Invocation has been pronounced.)

INVOCATION

THE REVEREND RALPH G. DUNLOP
University Chaplain

ADDRESS

THE HONORABLE W. WILLARD WIRTZ
Secretary of Labor

AWARDING OF DIPLOMAS AND CONFERRING OF DEGREES

JAMES ROSCOE MILLER
President of the University

ADMINISTERING THE OATH OF OFFICE TO CANDIDATES FOR COMMISSIONS

CAPTAIN ROBERT E. HUSE, UNITED STATES NAVY
Professor of Naval Science

CHARGE TO THE GRADUATING CLASS

The President of the University

CONFERRING OF HONORARY DEGREES

DELIVERY OF DIPLOMAS

The Deans of the Schools

THE UNIVERSITY HYMN

(Words to the University Hymn are printed inside the back cover.)

BENEDICTION

EDMUND PERRY
Professor of History of Religions

RECESSIONAL

FACULTY RECESSIONAL *(Graduates and guests will please remain seated.)*

STUDENT RECESSIONAL *(Guests will please remain seated.)*

Parents and guests are respectfully requested to remain in their seats during the entire ceremony, including the period when diplomas are delivered. The aisles of the Hall must be kept clear at all times, and those who leave their seats before the close of the ceremony must leave the building immediately through the front lobby.



THE HONORARY DEGREES

*In the Exercises, citations will be read by Payson S. Wild,
Vice-President and Dean of Faculties of Northwestern University.*

WILLIAM WILLARD WIRTZ — DOCTOR OF LAWS

Secretary of Labor. Graduate of Beloit College, A.B., 1933, and Harvard Law School, LL.B., 1937. Instructor, University of Iowa, 1937-39, and Assistant Professor, Northwestern School of Law, 1939-42. Assistant General Counsel to the Board of Economic Warfare, 1942-43. The War Labor Board, 1943-45; General Counsel and Public Member, the War Labor Board, 1946. Professor of Law, 1946-1954, Northwestern University. Private law practice, 1955-61. Undersecretary of Labor, Department of Labor, 1961. Secretary of Labor, 1962-. Member of the National Academy of Arbitrators and of the American and Iowa Bar Associations.

*Presented by Harold C. Havighurst, Professor of Law,
School of Law, Northwestern University*

JOHN DULANEY DE BUTTS — DOCTOR OF LAWS

Executive Vice-President of the American Telephone and Telegraph Company. Graduate of Virginia Military Institute, B.S., 1936. With Chesapeake and Potomac Telephone Company, 1936-49, 1951-55, 1959-61, Vice-President of Operating and Engineering, also Director, 1959-62; with American Telephone and Telegraph Company, New York City, 1949-51, 1955-57; Assistant Vice-President, Government Relations, Washington, D.C., 1957-58; General Manager, New York Telephone Company, 1958-59; President and Director, Illinois Bell Telephone Company, 1962-66. Executive Vice-President of American Telephone and Telegraph Company, 1966. Director of the Continental Illinois National Bank and Trust Company, Chicago, and of the Inland Steel Company. Member, Illinois Civil Defense Advisory Council; member, Executive Board, Chicago Area Council of Boy Scouts of America; member, Board of Directors, Hospital Planning Council of Metropolitan Chicago; Director, Evanston Hospital Association. Trustee, Illinois Institute of Technology; member of the Board of Lay Trustees, Loyola University, Chicago. Member, Northwestern University Associates.

Presented by James L. Allen, Trustee of Northwestern University

JEROME BERT WIESNER — DOCTOR OF SCIENCE

Provost, the Massachusetts Institute of Technology. Communications engineer; educator. Graduate of the University of Michigan, B.S., 1937; M.S., 1940; Ph.D., 1950. Associate Director, University of Michigan Broadcasting Service, 1937-40; Chief Engineer, Library of Congress, 1940-42; staff member, Massachusetts Institute of Technology Radiation Laboratory, 1942-45; staff member, University of California Los Alamos laboratory, 1945-46. Since 1946, at the Massachusetts Institute of Technology, Professor of Electrical Engineering since 1950, Associate Director of the Research Laboratory of Electronics, 1949-52, and now Director. Member of the John von Neumann Committee, which recommended the establishment of the U.S. Ballistic Missile Program; Staff Director of the U.S. Delegation to the Conference (General) of Experts on Methods of Preventing Surprise Attack; and Staff Director, the Gaither Committee Report. Chairman of the President's Science Advisory Committee, 1961, and Special Assistant to the President on Science and Technology. Recipient of an award from President Truman; a medal, the Star of Pakistan; and the Medal of Honor from the Electronic Industries Association.

Presented by William A. Patterson, Trustee of Northwestern University

ONE HUNDRED AND EIGHTH COMMENCEMENT

HOWARD MUMFORD JONES — DOCTOR OF HUMANE LETTERS

Professor of Humanities: poet, playwright, translator, editor, administrator, scholar, and critic. Graduate of the University of Wisconsin, B.A., 1914, and the University of Chicago, M.A., 1915. On faculty at University of Texas, 1919-25; University of North Carolina, 1925-30; University of Michigan, 1930-36; and Harvard: Professor of English, 1936-60; Lawrence Lowell Professor of Humanities, 1960-62; Professor Emeritus, 1962-; Dean, Graduate School of Arts and Sciences, 1943-44. Formerly, Chairman, American Council of Learned Societies, 1955-59; Chairman, the Weil Institute, 1959-60; President, American Academy of Arts and Sciences, 1944-51; and President, Modern Language Association of America, 1965. A prolific and versatile writer whose central interest has been American culture and its English and Continental backgrounds. Representative works: *American and French Culture (1750-1848)*; *The Life of Moses Coit Tyler*, 1933; *The Harp that Once*, 1937; *Ideas in America*, 1944; *The Theory of American Literature*, 1948; *The Frontier in American Fiction*, 1956; *Guide to American Literature and Its Backgrounds since 1890*, published 1959. Author of the Pulitzer prize-winning book *O Strange New World*, for general non-fiction last year.

Presented by Ernest Samuels, Professor of English and Chairman of the Department, College of Arts and Sciences, Northwestern University

SIMEON ELBRIDGE LELAND — DOCTOR OF LAWS

Dean of the College of Arts and Sciences, Northwestern University. Economist and university administrator. Graduate of DePauw University, A.B., 1918, the University of Kentucky, A.M., 1919, and the University of Chicago, Ph.D., 1926. Eight years as Professor of Economics at the University of Kentucky, 1920-28; Director of the Bureau of Business Research, 1927-28. Professor of Economics, 1928-38; Professor of Government Finance, 1938-46; and Chairman of the Department of Economics, 1939-46, University of Chicago. Professor of Economics and Dean of the College of Arts and Sciences at Northwestern University since 1946. A representative list of the many state, national, and international boards and commissions on which he has served as consultant, member, director, or chairman: member, Illinois Tax Commission, 1933-40, Chairman, 1936-40; Director, Federal Reserve Bank of Chicago, 1941-47, Chairman of the Board, 1942-46; Special Adviser to the U.S. Secretary of the Treasury, 1934; Consultant, Bureau of the Budget, 1940-48; Chairman, Illinois Public Aid Commission, 1952-53; Chairman, Illinois Revenue Commission, 1961; Chairman, Commission on Colleges and Universities, North Central Association, 1959-60. Vice-President, 1948, of the American Economic Association, and President of the National Tax Association, 1937-40. Fiscal adviser to Panama, 1946, and member of the U.N. Economic Mission to Chile, 1950. Author of *Taxation in Kentucky*, 1920; *The Classified Property Tax in the United States*, 1928; *The Revenue System of Panama*, 1946; and numerous articles on government finance.

Presented by Payson S. Wild, Vice-President and Dean of Faculties, Northwestern University

MYRES SMITH MC DOUGAL — DOCTOR OF LAWS

Sterling Professor of Law, Yale Law School. Graduate, the University of Mississippi, B.A., 1926; M.A., 1927; LL.B., 1935. Rhodes Scholar at Oxford, B.C.L., 1930. J.S.D., Yale, 1931. Professor of Law, University of Illinois. Since 1934, member of the faculty of the Yale Law School: William K. Townsend Professor, 1944-58; Sterling Professor, 1958-. Author of many law review articles, and, with various associates, a number of notable books, of which *Studies in the World Public Order*, 1960, received the annual award of the American Society of International Law in 1962. During World War II Assistant General Counsel of Lend Lease, and subsequently General Counsel of the Office of Foreign Relief and Rehabilitation Operations. Former President of the American Society of International Law, 1958-59, and now a United States member of the Panel of the Permanent Court of Arbitration. President of the Association of American Law Schools.

Presented by Carleton Blunt, Trustee of Northwestern University

NORTHWESTERN UNIVERSITY

JAMES MADISON NABRIT — DOCTOR OF LAWS

President of Howard University. Graduate of Morehouse College, Atlanta, A.B., 1923, and Northwestern University, J.D., 1927. On faculty of Leland College, Baker, Louisiana. Dean of Arkansas State College, Pine Bluff. Since 1936, associated with Howard University: Professor of Law, 1936-56; Administrative Assistant to the President, 1939; Director, Public Relations, 1955-58; Secretary of the University and Dean of the Law School, 1958-60; President of the University, 1961- . U.S. Deputy Representative to the United Nations Security Council, 1965, and nominee, 1966, for permanent Deputy Representative to the U.N. Director, North Carolina Mutual Life Insurance Company. Adviser, U.S. Delegation ILO Conference, Geneva, 1959, 1960. Legal Adviser, Reorganization Executive Branch of the Government, Governor of the Virgin Islands. Trustee of Howard University. Member of the Board of Directors of the American Arbitration Board, of the National Capital Area Board Civil Liberties Union, of the American National and Texas Bar Associations, of American Juridical Society, and of the National Society of Medical Research (National Legal Advisory Committee). Member of the NAACP. Contributor of articles to professional journals.

Presented by Franklin M. Kreml, Vice-President—Planning and Development, Northwestern University

SOL SPIEGELMAN — DOCTOR OF SCIENCE

Professor of Microbiology, University of Illinois. Graduate of City College, New York, B.S., 1938, and Washington University, St. Louis, Ph.D., 1944. At Washington University, lecturer in mathematics and mechanics, 1942-44, and in general physiology, 1943-44. Instructor in medical bacteriology, Medical School, 1944-45, Assistant Professor, 1945-48. U.S. Public Health Service Fellow in the Medical School, University of Minnesota, 1948-49. Since 1949, Professor of Microbiology, the University of Illinois. Member of the Molecular Biological Panel, National Science Foundation; of the Advisory Committee on Biochemistry, Office Naval Reserve Society of Bacteriology; of the Society of General Microbiology; and of the Physiological Society. Field of research: adaptive enzymes, genetics and biochemistry of microorganisms; mechanism of gene action; embryology; cellular physiology; protein and nucleic acid synthesis.

Presented by Dr. John A. D. Cooper, Dean of Sciences, Associate Dean of Faculties, Northwestern University

HORTON GUYFORD STEVER — DOCTOR OF SCIENCE

President of Carnegie Institute of Technology. Scientist and university administrator. Graduate of Colgate University, A.B., 1938, and of California Institute of Technology, Ph.D., 1941. Instructor in the Officers' Radar School, 1941; Professor of Aeronautics and Astronautics, 1956; Associate Dean of Engineering, 1956, the Massachusetts Institute of Technology. Consultant, member, or officer on national commissions and councils dealing with aeronautical engineering. Member Secretariat, Guided Missiles Commission, Joint Chiefs of Staff, 1945; Science Liaison Officer, London Mission, ORSD, 1942-45; member of the Science Advisory Board to Chief of Staff, USAF, 1947- , Vice-Chairman, 1956-61; Chief Scientist, USAF, 1955-56; Chairman, Special Commission on Space Technology, NASA; Chairman, Research Advisory Commission on Missile and Spacecraft Aerodynamics, National Aeronautical and Space Authority, 1959- . Recipient of President's Certificate of Merit, 1948; Exceptional Civilian Service Award, USAF, 1956; Scott Gold Medal from American Ordnance Association, 1960.

Presented by Ali B. Cambel, Professor of Mechanical Engineering and Astronomical Sciences and Chairman of the Department, Northwestern University

BOB HOPE — DOCTOR OF LAWS

Veteran of vaudeville, stage, motion pictures, radio, and television. On the stage in *Roberta*, *Ziegfeld Follies*, and *Red Hot and Blue*. A star in at least one motion picture almost every year since 1938. Representative pictures: *Thanks for the Memory*, 1938; *Caught in the Draft*, 1941; *Variety Girl*, 1947; *Lemon Drop Kid*, 1950; *Off Limits*, 1953; *Iron Petticoat*, 1957; *The Facts of Life*, 1961. A director of the Cleveland Indians Baseball Club. Author of four books. Recipient of 1951 radio-television citation. Significant contributor to our national effort in raising the spirits of our troops abroad and in raising funds at home for causes like the Red Cross and the Community Chest. A world-wide reputation as a leader in his profession.

Presented by Daggett Harvey, Trustee of Northwestern University



THE DEGREES IN COURSE

The appearance of a name on this list is presumptive evidence of graduation
but is not to be regarded as conclusive.

THE COLLEGE OF ARTS AND SCIENCES

Candidates presented by DEAN SIMEON E. LELAND

BACHELOR OF ARTS

Richard Terry Abrahams
Michael Allen Abrams
Herbert Vincent Adams, Jr.
James McCabe Adams
Wayne Arden Adams
Hyman Jay Addison
Jeffrey Lynn Alexander
Garland Hilliard Allen
Merrilee Allison
Carla Gayle Anderson
James Wayne Anderson
James Walter Andrews
Stephanie Marie Argeros
Helen Fenwick Arison
Judy Louise Arndt
Gary Quintin Arpin
Harold Nelson Asiel
Linda Atryzek
Kathleen Ann Attwood
Richard Warren Avery
Robert Dean Avery
John Reed Babcock, Jr.
Patricia Spruance Baggs
Nancy Lee Baim
Mary Jean Bain
Thomas Stephen Balch
Rita Joan Baltis
Peter Todd Bandelow
Sandra Gay Banes
Mary Susan Banks
Gerald John Bannasch
John Algird Barkus
James Neil Barnes
Ruth Lieberfarb Barrash
Mary Ellen Bartelt
Michael Myers Bartleson
Joel Eric Bassett
Katherine Taylor Bates
John Frederick Baumrucker
Robert Ross Beattie, Jr.
Katherine Laurie Beckett
Susan Maude Beckett
James Walter Beile
Michael Joseph Beinor
Dixie Johnson Belcher
Christine Belz

Michelle Iris Bender
Judith Leslie Benjamin
Michael Stanley Bensman
Karen Sprague Benson
Suzanne Elizabeth Berger
Jay Steven Berlinsky
Barbara Leslye Bernstein
Geoffrey Newton Berry
Carolyn Amelia Billingsley
Anne Stacy Bitner
Vicki D'Ianni Bitner
James Vernon Bjorkquist
James Kean Bland
Gary Baker Blumenshine
Richard Eugene Bopp
Ana Christina Borgersen
Carol Ann Boswell
Patricia Gail Bourke
Jay Elliot Bovilsky
Ann Elizabeth Bowen
Janice Louise Boyer
Jill Harmon Boyles
Lawrence John Brainard
Helen Delia Brewster
Carl Henrik Brodin
Lawrence William Brody
Jeffrey Roger Brooke
Julia Esther Brown
Lindsay Ann Brown
Virginia Ellen Brown
David Randall Bruce
Edward John Brunet
Linda Catherine Bryant
Roberta Kathleen Buchanan
Thomas Edward Buess
Gwynne Adele Bujarsky
Georgette Nicki Busioty
Diana Robinson Cady
James Michael Callan
James Alan Callister
David Neil Campbell
Sarah Cannon
John Richard Carden
Penelope Bryant Carey
Teddy Paul Carlton, Jr.
Amy Geller Carroll

ONE HUNDRED AND EIGHTH COMMENCEMENT

Judith Elsa Carroll
 Linda Jean Carson
 Ann Alexandra Carter
 Paul McDonnell Cathcart
 Anne Marie Chenault
 Marilyn Healey Chesterman
 Charlane Jean Christiansen
 Linda Sorensen Clarke
 Jean Landis Clippinger
 Thelma Madelyn Coar
 David Michael Cobin
 Lillian Axelrood Cohen
 Carol Sue Cole
 James Emmett Compton
 Nancy Lloyd Conner
 Daniel Lynn Conrad
 Diana Sue Conway
 Francis Vincent Cook
 Stephen Barkley Coonrod
 Carol Inez Coopersmith
 Barry Reed Cover
 Michael Jeffrey Cowen
 Tracy Hallock Crail
 Robert Jay Crane
 Thomas Wesley Crew II
 Stephen Lahar Crews
 Kenneth Henry Crooks
 Lucius Osmond Crosby III
 Susan Helen Crowe
 Margaret Ann Cruickshank
 Elizabeth Anne Cuddy
 Joseph Anthony Daccurso
 Heather Ruth Daff
 John Herman Daniels
 Linda Lee Darnell
 Paul Frederick Dauer
 Jane Ellen Davis
 Judith Hale Davis
 Lawrence Mills Davis, Jr.
 Susan Elizabeth Davis
 Judith Jean Davison
 Sharon Kay Dean
 Sara Kathryn De Graff
 James Walter Dempsey
 Suzanne Derby
 Dean Arthur Dickie
 Ralph Erwin Dieckmann
 Sandra Ann Dietl
 Linda Mae Dilibert
 Nancy Elizabeth Dobbs
 Jane Val Doersam
 Katharine Virginia Dolan
 Nicholas George Dozoryst II
 Carl Ball Durlley
 Peter Gates Duryea
 Jerrie Francis Eckelberger
 Marjorie Jeanne Edmondson
 Gerald Edward Egan
 Jerry Morton Einsteadig
 Rilla Elizabeth Ekholm
 John Paul Elwood
 Ann Bentham English
 Stephen Lee Ewing

Kathy Ellis Eynon
 Kenneth Louis Fadner
 Catherine Cargile Fallin
 Anne Paschall Fennelly
 Beverly Ann Fenstermacher
 Victoria Lee Fillmore
 Elizabeth Ann Fisher
 Mary Sue Flom
 Gloria Fogler
 Charles William Fojtik
 Edward Henry Forkos
 Jill Forster
 Sherian Wilson Foster
 Lawrence Peter Frank
 Lawrence Millard Freedman
 Joel Stuart Freund
 Bernard Sholom Friedman
 James Michael Friedman
 Victoria Elizabeth Friedman
 Dwight Richard Frindt
 Warren Bryan Fuermann
 Paula Bills Fuqua
 Jerry Edward Gairrett
 Ellen Joan Gans
 Mary Jane Gargas
 Sara Alice Gaw
 Judith Karen Geist
 Gregory David Gentling, Jr.
 David Allison Gerber
 Thomas Joseph Gerber
 Hilary Suzanne Gidney
 Nelsa Lois Gidney
 Walter Wellington Giesen III
 Michael Bruce Gilbert
 Bernard Gilman
 Richard Bruce Gilmore
 Frank Clarke Ginocchio
 Niki Louise Glanz
 Frederick Marion Glass, Jr.
 Susan Glazer
 Ghislaine Myriam Gleizes
 Charlotte Louise Goedsche
 Dennis Robert Goldenson
 Ronald Harvey Goldschmidt
 Paul Victor Gonzalez
 Michael Stephen Gottfried
 Alison Miller Gratz
 James Robert Green
 Susan Jane Greenberg
 David Lawson Gregg
 Byron Louis Gregory
 Robert Renick Gregory
 John Joseph Griffin, Jr.
 Ronald Stanyer Grossmann
 James Robert Grover
 George Gomes Guimaraes
 John Peter Gumbelevicius
 Milton Craig Haase
 Douglas Alan Hackbarth
 Lynn Frances Hager
 Christine Haggman
 John Harbell Hagler
 Lillian Judith Halbreich

NORTHWESTERN UNIVERSITY

Georgene Marian Hall
 Joanna Louise Hall
 Samuel Webster Hall, Jr.
 Diane N. Hamady
 William Michael Hammond
 Nancy Ellen Hansel
 Ronald Wayne Hansen
 James Walter Harris, Jr.
 Michael Stanly Harris
 Michael Dean Harsh
 Sanford Stuart Hartman
 Terry Lyn Hartz
 Elizabeth Bradford Hassard
 Pamela Faye Carol Hassler
 Thomas John Hayes
 Ann Kittredge Healy
 Priscilla Anne Hegel
 Robert Walter Hempel
 James Boyd Hendrickson
 Peter Brent Herkner
 Richard Homer Herman
 Michal Troy Herridge
 Susan Clare Hertzler
 Susan Gladys Herzog
 Nancy Acton Heyward
 Sandra Jean Hickey
 Karen Ann Hickman
 Marian Wheeler Hill
 Frank Pryor Hilliard
 Valissa Ann Hilligoss
 Margaret Ruth Hoerbuerger
 Alice Lister Hoffman
 Nancy Lewis Holmes
 Michael Mitchell Hoobchaak
 Shirley Coy Hood
 Marcia Marion Howell
 Susan Elizabeth Hubbell
 Marilyn Ann Huff
 Susan McKee Hughes
 Joan Denise Huguelet
 Richard Arnold Hulseberg
 Karan Judy Huckleberry
 Terry Vern Iorns
 Del Ivan Janik
 Toni Victoria Jensen
 Jennifer Jenson
 Edward Ellis Johnson
 Leslie Lynn Johnson
 Ann Sandegren Judd
 Lila Joyce Kalinich
 Susan Donna Kamin
 Gary Michael Kaplan
 John Karedes
 Bonnie Susan Karl
 Roman Raymond Kaunas
 Jüri Keerdoja
 James Nelson Kellogg
 Barbara Ellen Kemp
 Pamela Jean Kimmel
 Ronald Murray Kipnis
 Marc Wallace Kirschner
 Edwin M. Klein
 Patricia Jane Klein

Paul James Kleinwachter
 Carol Rede Knott
 Peter William Koenig
 Leah Carol Koester
 Marie Anita Konecny
 George Michael Kopetz
 Katharine Kuechle Kouba
 John Stephen Kovatch
 Beverly Diane Kramer
 Roger Wayne Kula
 Carolyn Jane Lansdale
 Jan Pat Larson
 Edith Marie Lehman
 Harry Graham Lehr
 Joan Louise Leighty
 Robert George Lengh
 Sharon Mae Lerner
 Peter Steven Levi
 Mary Eleanor Leyhe
 C. Robert Linne
 John Michael Lison
 Beverly Jean Livingston
 Westley Randol Logan
 Rachel Odhner Longstaff
 Frances Vaughn Lowman
 Kathryn Gail Luber
 Kubet Emil Luchterhand
 Lawrence Donald Ludwig
 Marjorie Schlossman Ludwig
 Susan Patricia Lufkin
 Joyce Kaplan Lundeen
 Marianne Macdonald
 Jeffrey Eugene Mack
 Randolph Andrew Mack
 Janet Faussett Madenford
 Peter John Mahonchak
 Daniel Stephen Mahru
 Thomas Michael Main
 Patti Solnick Mandel
 Sallie Ann Manley
 Sarah Proudfoot Mann
 John Allen Maples
 Kathleen Elizabeth Marbarger
 Margaret Kathryn Marshall
 Stuart Charles Marshall
 Gerald Tim Martin
 Lynn Taylor Martin
 Sharon Ann Martinek
 Carmelia Marie Martino
 John Charles Martz, Jr.
 Kim Annette Mason
 Carol Ann Masouka
 Mary Louise Mateer
 Margot Nannette Mathis
 Jeanne Ellene Maxant
 Marsha Anne Mayo
 Barbara Moore McCandlish
 Constance Ann McClory
 Patricia Irwin McConnell
 George Kenneth McCord
 Joseph Michael McDermott
 Sharon Irene McDonough
 Jill Elizabeth McGovern

ONE HUNDRED AND EIGHTH COMMENCEMENT

Robert Dale McHenry
 Eugenie McMahon
 Alan Robert Messick
 John Franklin Metcalf
 Mark Allan Meyer
 Susan Jeanne Meyer
 Barbara Jean Meyers
 Geoffrey Groman Meyers
 Edward Lee Michael
 George Wiles Middlekauff
 Alexander Karl Mihali
 Charles Ellsworth Miller
 Clinton Max Miller, Jr.
 David Shields Miller III
 Gloria June Miller
 Deborah Jo Milner
 Robert Adam Minow
 Mary Katherine Mitchell
 Virginia Heath Mitchell
 Michael Dwight Miyamoto
 Marilyn Agnes Mollman
 Douglas Howard Momeyer
 Mary Margaret Morgan
 Maribeth Patricia Morris
 David Clark Mueller
 Susan Alice Mulligan
 David Henry Myers
 Carolyn Nash
 Meredith Elise Nash
 Thomas Kibbe Nash
 Thelma Silverstein Nathan
 Elizabeth Beekman Naylor
 Robert James Nelson
 William Sanford Newby
 Francis Gregg Ney, Jr.
 David Frederick Nitschke
 Randall Lee Nolde
 Louise Irene Nora
 Linda Marie Norris
 Richard Lawrence Ogden
 Carol Ann Olson
 Christine Tanner Olson
 David Howard Olson
 Terence Trumpy O'Malley
 Chukwuemeka Onwubu
 Raymond David Ornstein
 Andrea Kay Orr
 Craig Harrison Ostfeld
 Joan Dorothy Ott
 Steven Charles Overby
 Susan Jo Padalik
 Julie Christine Pagani
 Judith Carrol Pagel
 Elizabeth Paige
 Kathlyn Ann Parker
 Linda Elizabeth Parker
 Rosemary Parola
 Jane Ann Pass
 Donald Lee Patrick
 Eleanor Handler Pemper
 Mary Joanne Perkins
 Robert Louis Perry
 Dennis Lee Peters

Barry Carroll Peterson
 Bradley Morris Peterson
 Donna May Petre
 William Frank Pfisterer
 James Block Pick
 James Purvis Pitts
 Peter Plant
 Fred Thomas Plog III
 Patricia Ann Popkin
 Katherine Bryson Powell
 Judith Preves
 Thomas Robert Puklin
 Nicholas Pullos
 Anne Clare Queneau
 Fred Radewagen
 Janice Raymond Ramaker
 Martha Betsy Rand
 Deborah Jane Rathbun
 Caroline Sylvia Reichardt
 Mary Beth Reis
 Frank Richard Renner
 Rosalind Joy Revell
 Elennie Revethis
 Emily Anne Rice
 Donald Lee Richards
 Richard William Rist
 William John Robb, Jr.
 Mary Dow Robeck
 David Stephen Robert
 Loren Lee Roberts
 Maureen Hallie Roberts
 William Randolph Robie
 Gayle Leone Robinson
 Stephen Fowler Rohde
 Annette Holman Rooney
 James Andrew Rooney
 John Alfred Roos
 Henry James Rosenberg
 Charlotte Helyne Rosefeld
 Linda Rae Rosenzweig
 John Edward Rossotti
 John Bernat Roth
 Robert Lawrence Rouser
 Elliot Lee Rubin
 Robert Roy Rush
 Cliff Gregory Russell
 Diane Alice Ryan
 John Patrick Saari
 Andrew Joseph Sanders
 George Richard Sato
 Marion Victoria Schaefer
 John Ramsey Schaffnit
 Frank Joseph Schiro
 Stephen John Schlegel
 Arthur Wilson Schlenkert
 Maria Jolanta Schmeidel
 Robert Milton Schmidt
 Charles Joseph Schufreider
 Thomas Benson Sedgwick
 John Howard Seehausen
 Cynthia Seidenbach
 Glenn Kenneth Seidenfeld, Jr.
 Ruth Enid Seligman

NORTHWESTERN UNIVERSITY

Doris Jean Selo
 Frances Seltzer
 William Jeffrey Settles, Jr.
 Sandra Jean Sharts
 Elizabeth Harris Sherrill
 Laurentia Shpakovski
 Sally King Shull
 Peggy Singer
 Margaret Elizabeth Sloan
 Caryl Ann Sloane
 Barbara Anthony Smith
 Loren Allan Smith
 William Bert Smith
 Frank Arthur Solomon III
 Olivia Sordo
 Herbert Robert Sorock
 Malcolm Benjamin Spector
 Tadd Edward Spicer
 Harold Matthew Spinka, Jr.
 Linda Rae Spooner
 Bonnie Evans Stearns
 Jean Hunter Stem
 Mary Katherine Stiedemann
 Joanne Kay Stoller
 James Meno Stratton
 Dorris Gayle Strauss
 Barbara Louise Strnad
 Judith Turnham Stulac
 William John Stull
 David Lloyd Sudduth
 Allen Barry Sutow
 Ronald Jean Swarsen
 Per Jul Syrdahl
 Pamela Taggart
 Dawn Carol Tanis
 Mary Taylor
 Valerie Patricia Terry
 David Bruce Thomas
 Thomas Lee Thompson
 Elizabeth Ann Thorson
 Kathryn Lambert Tillson
 Glenn LeRoy Tindell, Jr.
 Suzanne Tran-van-Kha
 Brenda Sue Trevathan
 Susan Jeanne Trout
 Judith Louise Underwood
 Patricia Ann Ushijima
 Carol Sue Vahey
 Randale Ray Valenti
 Thomas James Vargo
 Martha Woodard Vaughan

Alice Klyde Vick
 Thomas Michael Voss
 Robert Victor Wachs
 Arnold Louis Wagner, Jr.
 Sharon Yumiko Wakasa
 Patricia Greer Walbridge
 Robert Curtis Wanless
 Barbara Jane Ward
 Judith Ann Weatherston
 Penne Lynn Weber
 Janet Ann Weiss
 Jeffrey Neil Weissman
 Carol Ruth Welin
 Lynn Elizabeth Werner
 Lynne Stephani Wexler
 Edward James Whalen
 Judith Claire Whitaker
 Barry Lee White
 Joseph Maystrik White
 Susan Jane Whittemore
 Thomas William Wicks
 Ruth Carol Wieder
 Saul Benjamin Wilen
 Daniel Clyde Williams
 John David Williams
 Deborah Cordelia Williamson
 Patricia Ann Wilson
 Thomas Lloyd Wiltfong
 Rita Catherine Winslade
 Carole Kaiser Winters
 Richard Rizer Walker Winters, Jr.
 Joan Ellen Wisler
 Susan Anne Wodicka
 Houston Lawrence Wood, Jr.
 James Robert Wood, Jr.
 Valerie Joan Wood
 Bette Jane Wyckoff
 Toshio Yamauchi
 Norman Hershell Yoffee
 James Bertrand Young
 Lawrence Jay Young
 Richard Edwin Youtz
 Margaret Christianson Zajdlik
 Arleen May Zanetto
 Virginia Berenice Zanine
 Stephanie Ann Zarpas
 Barbara Ann Zingrebe
 Jacqueline Ann Zuccaire
 Lynn Ruth Zucker
 Albert John Zuska, Jr.

BACHELOR OF PHILOSOPHY

Dorothy Alice Allpress
 Arnold Peter Anagnostopoulos
 Robert Anthony Atwood
 Gaida Barens
 John James Bollweg
 Joan Rachel Bragginton
 Anne Marie Ridley Butterfield
 Philip Bonn Chandler

Pauline Johnson Coop
 Nancy Bess Crofoot
 Margaret Marian Kleine Daseke
 Richard Elmer Dionne
 Richard Edward Farrell
 Helaine Lee Flan
 John Edward Gehrke
 Barbara Zager Gordon

ONE HUNDRED AND EIGHTH COMMENCEMENT

Alfred Martin Grabski
Guy Riddell Griffin
Robert John Hanlon
Ola Mae Woolridge Hitt
Robert Phillip Hoelter
Joan Harris Hudspeth
Morris Hiroshi Inouye
Lueen Jack
Richard Buescher Keck
Judith Rae Keeler
Marion Georgia King
Francine Mae Klingman
Francis Fred Kowalkowski
Ann Levenberg Mann
Lucy Bridges Matchett

Robert Stewart Mendenhall
Frederick Robert Metzger
Robert Gordon Moss
John Theodore Ohlsson
Thomas William Rendl
Joan Margaret Rice
Florine Seres Sadler
William Fred Sanders
Gary Lawrence Schmitt
William Grau Schreck
Charles William Scott, Jr.
Ruth F. M. Sylvan
Herbert Carl Udesen
James Francis Whedon

BACHELOR OF SCIENCE IN GENERAL EDUCATION

Raymond John Benson
Louis Richard Flader
Thomas Peter Gallanis

Arlene Grecco
Jay Dell Thompson
Joseph Peter Wolf, Jr.

THE SCHOOL OF MEDICINE

Candidates presented by DEAN RICHARD H. YOUNG

DOCTOR OF MEDICINE

Gordon McCannel Aamoth
Charles Meredith Abernathy, Jr.
Edward Arthur Anderson
Richard D. Anderson
David Byrne Apfelberg
James Albert Aukers
William Sanford Babcock
Raymond Allen Berke
Stanley Zissman Berman
Jerome Conrad Bernhoft
*Richard Lester Bettenhausen
Roger Eugene Bosley
Brenda Ruth Brose
Vincent Edward Bryan
Peter C. Burger
Paul Haskell Burgert, Jr.
Robert Buttemiller
David Earl Bytell
William Paul Carney
Charles Anthony Cavallo
Paul Robert Cekan
William Elery Clark, Jr.
**Ralph Marshall Colburn, Jr.
Steven George Cooperman
Frederick Kenneth Dean
Gerald Michael DeBonis
Henry De Mots, Jr.
Robert Paul Di Pego

Milton Dorf
Scott Hugh MacPherson Driscoll
Laurence Revelle Dry, Jr.
John Callan Dugall
John Blake Eilert
Robert Keith Emerson
Theodore Charles Failmezger
Robert Eugene Falkner
Gilbert Carl Fischer
George Richard Geier, Jr.
Martin Lawrence Goldman
Harvey Martin Goldstein
Barbara Bowling Gosink
Barbara Anne Groome
Donald Albert Gullickson
Wesley Kenneth Haisty, Jr.
Gerald Norman Halpern
Robert Walker Harrison III
Richard Curtis Hein
Kenneth Norman Hepper
George Robert Hewes
Henry Richard Hinrichs
Thomas Michael Hoeltgen
Earle Thomas Howard
William Bowman Iams
David Alan John
Edward Stanley Kapustka
*Michael Allen Kass

*With distinction

**With highest distinction

NORTHWESTERN UNIVERSITY

Richard Curtis Kauffman
Robert Lewis Kaufmann
Walter Bruce Ketel
**Andrew Peter Klaus
Thomas Yoji Kobara
Robert Leland Kruse
Stephen Albert Kwedar
John Russell Lake
Don Maurice Larson
James Bruce Larson
William Joel Lawton
*Sherwin David Lewis
James Stratton Liljestrand
*Dewey LeGrande Long
Dana Genovaite Maciunas
Michael Thomas Makler
Alan Thomas Marty
James Richard Mattson
Donald Hutson McClure
Mary Gilruth McEwen
William Campbell Meyer
William Lee Meyerhoff
James Randall Miller
Patricia Ann Mohr
J. Kent Nelson
Richard Ray Nelson
Paul Edwin Nickerson
Mark William Nielsen
Laurence Martin Novick
Ronald Charles Ochsner
Jack Arthur Patterson
Karen Alice Pietila
Alan Lane Plummer
Thomas Robert Powers
David Alexander Randolph
Leslie Boush Reynolds, Jr.
Mary Ann Rosanova
Thomas Walter Rosenbaum
Jack Eli Rosenberg
Anthony James Rosenthal

Joseph Samuel Rowe, Jr.
Harvey Lee Ruben
Richard Joseph Ruda
Robert Irwin Schnipper
Frank Barry Schoenfeld
Michael Newton Schreiber
Donald Evens Schwarten
Monroe Seiberling, Jr.
*Joseph Silva, Jr.
Gary Melvin Silver
Gerald Ralph Smith
Ralph Silas Smith, Jr.
Stuart Ross Snider
Gary Richard Snyder
Michael Allen Sommer
Thomas Joseph Sondag
Michael I. Sorkin
Allen Gregg South
Thomas Stanley Stevens
Roland Steven Summers
Paul Edward Switzer
Alan Kent Teaford
John Robert Thompson, Jr.
Charles David Turek
John Herbert Uecker
Christian John Van Den Berg
Robert L. Van Dervoort, Jr.
John Charles Van Stone
Kenneth Martin Viste, Jr.
Ted James Wachowski
David Ritchie Watts
Harold Vincent Werner
**Thomas Roy Westerhoff
Myron Jay Winship
John Charles Winters
Loren Jay Wolsh
James Herman Wortman
Robert Swisher Young II
Joseph T. Zerella

BACHELOR OF SCIENCE IN MEDICINE

George Dewar Case
Robert Charles Cohenour
Richard Stephen Deucher
Robert Howard Earhart, Jr.
John Sterling Ford
Marlene Sally Goodfriend
Eric Kuno Hammerberg
Gerald Brian Holtz
John Leonard Huebner
Charles Edgar Hughes III
Stiles Turner Jewett, Jr.
Donald Frank Johnson
Dale Lee King
Daniel Glen Knauf
Burton Jay Kushner
Dianne Cheryl Leeb
Ronald Lehocky
James Bruce Mansfield

Cheryl Ann Maxwell
Robert C. McGann
Robert Stuart Michaels
William Howard Michaels
John Allen Nylund
Mark Olsky
Terry Lee Ostrowski
Thomas Daniels Peterson
Robert Ian Picker
Michael Thomas Rapp
George B. Sachs
Gerald Lynn Schall
Neil Joseph Stone
Darryl Lewis Wallace
John Robert Willcockson
Carol Jean Witcraft
Loren Jay Wolsh
Richard Allen Zager

*With distinction

**With highest distinction

ONE HUNDRED AND EIGHTH COMMENCEMENT

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Susan Carmichael Andrus
Patricia Jean Goodger
Leslie Diane James

Terry Lynn Kramer
Katharine Harbaugh Racine

BACHELOR OF SCIENCE IN PHYSICAL THERAPY

Barbara Ann Betz
Charles Philip Kaplan
Betty Ann Loner
Helene Ann Lustig
Raymond Joseph May

Valerie Jane Milnes
Archie W. Porter
Patricia Eileen Ryan
Karen Sue Whitsitt

THE SCHOOL OF LAW

Candidates presented by DEAN JOHN RITCHIE

DOCTOR OF JURIDICAL SCIENCE

Jordan Jay Hillman, J.D., University of Chicago, 1950. *Competition and the Regulation of Railroad Price Discrimination, 1887-1910; Policy and Precedent in the Administrative Process.*

Shrimandir Nath Jain, LL.B., Faculty of Law, Delhi University, 1953. *The Administrative Process in Income Tax in India and the United States.*

MASTER OF LAWS

Rene Nicholas Joliet, *Doctor en Droit*, University of Liège, 1960.

Narendra Kumar Kimtee, LL.M., Law College, Osmania University, 1963.

JURIS DOCTOR

Joel Terry Abraham
Denis Charles Adam
James Kenyon Angell
Richard Charles Bartelt
John Colerick Berghoff, Jr.
Richard S. Berry
•Victor Herbert Bezman
Charles Morrison Biggam, Jr.
Frederick Eugene Bishop
•Robert Henry Bowmar
Barry Michael Brooks
Mary Therese Calhoun
John Francis Calmeyn
Paul David Carrier
William Lee Carrier
•Rebecca Jane Cassity
Ronald Joseph Ciancio
Jack Paul Cittadine
Harvey Allen Cohan

Gary Branson Colboth
Kenneth Lewis Coughlan
Robert Walter Dillon
Anne Marie Donahue
Gerald Linden Draper
Ronald Alfred Drumke
Morrill Dunn III
George Patrick Elder
Sheldon David Engel
Frederick Parker Erickson
•George William Fahlgren II
Leland Charles Fay Jr.
•Joel Howard Fenchel
Perry B. Fink
Gerald Lee Fishman
Edward James Fitz Simons
Phillip Themistolles Frangos
Allen Robert Freedman
Barry Alan Friedman

•*Cum laude*

NORTHWESTERN UNIVERSITY

- *Wayne Bruce Giampietro
- *Arthur Jay Ginsburg
- *David Glickstein
- Michael Jerry Goldstein
- Norman Goldstein
- James Arthur Grutz
- Herman Soren Haase
- Daniel Brewster Hales
- Robert Marshall Hess
- Roger Lee Horwitz
- Douglas Dean Johnson
- Laurence Allen Jones
- William John Kamps
- Davis Edward Keeler
- William Roger Kelly
- Donna Merle Kempler
- Thomas Stanton Kilbane
- James Clarence Kingsley
- Dean Martin Larson
- Bruce Brown Lassman
- Michael Francis Lefkow
- Michael Alfred Leichtling
- James Franklin Leopold
- Charles Randolph Light
- Thomas Leon Lobred
- Seymour Manello
- *Jon Le Roy Mangus
- Lewis Matuszewich
- *John Thomas McCarthy
- John Joseph McCluskey, Jr.
- John Patrick McGahey
- George Craig McKann
- Michael John Merlo
- **Stephen McLane Merrick
- Edward Bingham Miller
- David Neal Missner
- Alexander Joseph Moody, Jr.
- Daniel Martin Morris
- Thomas Jeremiah Murphy
- John Charles Nangle
- Medard Martin Narko
- Martin Lewis Nathan
- John Thomas Naylor
- William James O'Brien
- Alfred Jon Olsen
- John Oosterbaan
- Daniel Adam Orth III
- Edward Charles Osterberg, Jr.
- Robert John Parrillo
- Judith Caplan Phillips
- Joel Lee Piell
- Richard William Pierce
- **Howard Charles Pizer
- Joseph Lee Rand
- John Edward Reinert
- Richard Lewis Reinish
- Steven Jay Rioff
- Herbert Alan Robbins
- Harvey Mark Rogosin
- Douglass Frederick Rohrman
- Jeffrey L. Rosen
- Burton X. Rosenberg
- Sheli Zysman Rosenberg
- *Stephen Smith Schulson
- *Daniel Edward Schultz
- Steven Franklin Schwab
- Merrill Jay Schwartz
- *Merrill Jay Schwartz
- David Bruce Selig
- James Jefferson Sherman
- *Thomas Charles Shields
- Elliot M. Siegel
- Howard Jerome Siegel
- Neil Barry Siegel
- Ronald George Sipp
- Ronald Robert Skadow
- James Barry Soble
- Ronald Anthony Stearney
- Richard J Stephenson
- Scott Frederic Sternfield
- Konrad Erik Streuli
- David Gary Swidler
- Peter Thorkelson
- Robert Lloyd Thorsen
- Kenneth Alfred Torgerson
- Michael Masaharu Ushijima
- Pieter H. van Horne
- *Stephen James Vasek, Jr.
- Mark Harris Virshbo
- Margaret Mary Voigt
- Charles Benjamin Waud
- Martin Stuart Weinberg
- Richard Lloyd Wolf
- Steven Edward Wollack
- William Mortimer Wycoff
- *Sheldon Alter Zabel
- *Sherwin Stanley Zeitlin

*Cum laude
 **Magna cum laude

THE SCHOOL OF SPEECH

Candidates presented by DEAN JAMES H. MCBURNEY

BACHELOR OF SCIENCE IN SPEECH

Karen Sue Angevine	Janet Ellen Larsen
Nancy Arnold	Jolene Sharon Larson
Georgi Faye Bohrod	Paige Carlton Lechthaler
George Drayton Boyd III	Ralph Don Legeman
Robert Michael Boyles	Irene Wolff Leigh
Barbara Ilene Braun	Charles Victor Leipart
John Michael Britton	Thomas Eugene Leiter
Susan Reynolds Brown	Don Wallace Lennie
Marcia Jean Brownson	Lois Ann Lione
Sherry Lansing Brownstein	Charlotte Loewenherz
Donna Lynn Burton	Carol Howe Loomis
Judith Karen Campbell	Mary Elizabeth Lottman
Nancy Julia Cierkowski	Barry James Manthel
Brownell Joan Clikeman	Deanna Lawrence Marinaccio
Cathleen Ann Cole	Sandra Alfrida McClenney
Maryann Catherine Colloton	Michael Metcalf McDermid
Constance Lynn Cooper	Carol Ann McNamara
Elise Dare Cooper	James Gordon Mennen
Cynthia Sue Dalbey	Nenon Lynette Merrell
William Charles Dannevik III	Stephanie Andrea Meyer
Diane Margaret Daugherty	Ernest David Mobley
Frances Jean Dirkse	Jane Ann Mohaupt
Dee Donaldson	Mary Camille Moore
Ellen Jane Dubach	Arlene Judith Nadel
Timothy Thomas Ferris	Richard Albert Neumeyer
Hugh Meyer Field	Candace Allene Nichols
Mary Frank	Avril Adair O'Sullivan
Sheila Therese Froeter	Elizabeth Jo Park
Lily Fygetakis	Clarence David Parker
Estelle Gale	Nicki Anne Pierce
Ellen Patricia Gannon	Rosemary Pilibosian
Susan Aileen Gepner	Sara Gormley Plass
Guy Sar Golan	Linda Brock Post
Allan Erwin Goodman	Roberta Ann Raider
Ilene Marsha Gothelf	Donald James Ramaker, Jr.
Lynne Anne Graham	Linda LaVerne Ramer
Mary Diehl Griswold	Katharine Foote Remington
Karen Sue Grunewald	Katherine Elizabeth Renick
David Jeffrey Gulliford	Richard Charles Robertson
Jennifer Charlotte Anne Haefele	Paul Max Rubenstein
Rebekah Bourland Hansen	Velia Grace Russo
Sally Gay Hitler	Jana Lee Sackman
Helen Elizabeth Hokanson	Judith Blanche Sargent
Marcia Kay Houdeshell	Anne Catherine Schwab
Thomas Joseph Houlihan	Lynne Ilene Schwartz
Susan Mildred Hubka	Allen Bennett Shaw, Jr.
Nancy Ellen Hughes	Donna Leah Shaw
Julie Carlin Jorgenson	Judith Ann Sheppard
Kathryn Ann Jurjevich	Ruth Leslie Sneed
Ercelle Carmen Kay	Susan Rhea Snider
Kathryn Louise Keaton	Steven Arthur Snow
Mary Kaiser Kersemeier	William Edward Snyder
Mary Lea Kirby	Sallie Lucretia Squarey
Elyse Anne Kramer	Jane Newton Staab
Robert Edward Kretschmer	

NORTHWESTERN UNIVERSITY

Robert Leslie Stark
Carole Ryan Sullivan
Vinnie Mahaley Tankersley
Charles Richard Taylor
Michael Norman Taylor
Cynthia Teper
Hugh Kennedy Tirrell
Constance Lindsay Vockel
Josefine Teresa Walker
Willard Warren Wankelman
Nina Belle Weinstein

Karen Sue Weiss
Leslie Werner
Evelyn Annie Wetzler
Roberta Siegel Wexler
Barbara Jean White
Michael Mathews Winters
Marcia Ann Yingst
Barbara Jane Zachman
Marilyn Forb Zimmerman
Christine Mary Zukowski

THE SCHOOL OF DENTISTRY

Candidates presented by DEAN GEORGE W. TEUSCHER

DOCTOR OF DENTAL SURGERY

William John Becker
William Michael Brahm
J Paul C. Brenchley
Stephen David Brezner
Bartholomew Richard Christopher
William Thomas Coggeshall
Donald Guy Crabtree
C. John Dehner
Dennis Bruce Dierenfield
David Almond Drown
David Eliot Eldred
Richard Alan Fallows
Laurence William Feldman
Robert Strid Freeman
Donald Ralph Glass
Michael Howard Golden
Richard A. Green
William Chadwick Guard
James Robert Hammack
Arthur Stanley Hansen
George Frank Hejna
Richard Silas Kloehn

Robert Merl Little
Maria Lukic
Jerold Dale Lundgren
Charles J. Maseredjian, Jr.
James Wallace McClenahan
John Stevens McGuire
John Patrick Mesch
Brady Sullivan Myers II
Glen Louis Orr
Nicholas Michael Pastore
Edward James Pavlik
George Shea Schuster
John Joseph Sexton
Dale Dawson Shahan
Morton O. Sperling
Gary Bruce Sriro
Michael Seiji Tajima
Malcolm Dent Taylor
Douglas Colin Uyemura
Paul Osborne Walker
Henry Boyd Wolthuis

THE SCHOOL OF MUSIC

Candidates presented by DEAN GEORGE HOWERTON

DOCTOR OF MUSIC

With Titles of Compositions and Projects

- Wilhelmine Bennett, B.M., Arthur Jordan Conservatory of Music, 1951; M.M., Northwestern University, 1962. *Enola Gay, for Orchestra; Hyperbolex for Flute, Clarinet, Bassoon, Violoncello and Piano; Seven Seals for Narrator, 2 violins, Oboe, English Horn, Clarinet, and Piano; La Suite Absurde for Flute, Clarinet, Violin, Viola, Violoncello, Percussion, and Seven Voices; Two Songs of Grief, for Voice and Piano, and for Voice and Percussion.*
- Lynden Evans De Young, B.M., Roosevelt College, 1950; M.M., 1951. *Symphony for Orchestra; Sonata for Violin and Piano; Suite for Piano; Woodwind Quartet for Flute, Oboe, Clarinet and Horn.*
- Jon Sigurdsson Jonsson, Bachelor's equiv., Music School of Reykjavik (Iceland), 1956; M.M., Northwestern University, 1959. *Ballad of Thrym for Orchestra, Chorus and Soloists; Woodwind Quartet for Flute, Oboe, Clarinet, and Bassoon; Traynour for Flute, Violin, Violoncello, Horn, and Percussion; Dimensions for 12 Solo Instruments.*

MASTER OF MUSIC

- Mary Fleming Barnes, B.M., Greensboro College, 1965.
- Richard Edward Barnes, B.M., B.M. in Ed., Madison College, 1960.
- James Turner Berkenstock, B.S., George Peabody College for Teachers, 1964.
- Alfred Peter Brown II, B.M.E., Northwestern University, 1965.
- Frank John Croston, B.M.E., Valparaiso University, 1964.
- Rhonda Gail Cundy, B.M., Cornell College, 1964.
- William Elliott Dinwiddie, B.M.E., Northwestern University, 1965.
- Virginia Ann Dulin, B.M., Greensboro College, 1964.
- Paul Van Horn Ellison, B.M.E., Eastern New Mexico University, 1965.
- Susan Elizabeth Erickson, B.A., Carleton College, 1965.
- Jane Hamilton Fisk, B.M., Northwestern University, 1965.
- Heather Faith Golembo, B.M.E., Northwestern University, 1965.
- Nanette Anne Gomory, Mus. B., Oberlin College, 1965.
- James Laurence Grine, B.M., Western Michigan University, 1964.
- Terry Edward Guidetti, B.M.E., Northwestern University, 1965.
- John Edward Hebblethwaite III, B.M., Lawrence College, 1965.
- Allan Swartz Hoke, B.A., Maryville College, 1965.
- Lynn Thomas Hutcheson, B.M.E., Texas Western College, 1964.
- Mary Elizabeth Kesler, A.B., Randolph-Macon Woman's College, 1965.
- Ray Daniel Landers, B.M., Sherwood Music School, 1964.
- Cary Frederick Letsche, B.M.E., Northwestern University, 1965.
- Geoffrey Barr Lutz, B.M., Northwestern University, 1965.
- Sister M. Eustella Moehler, O.S.F., B.M., Alverno College, 1957.
- Norbert Molder, B.M.E., Northwestern University, 1964.
- Bruce Alan Nelson, Mus. B., A.B., Oberlin College, 1964.
- Henry Grim Neubert, Jr., B.M.E., Northwestern University, 1965.
- Sylvia Sidney Newton, B.M., Wesleyan College, 1964.
- Dolores Leonarda Normann, B.M.E., Northwestern University, 1961.
- Christina Olton, B.M., DePauw University, 1965.
- Geraldine Leiko Otani, B.M., Lawrence University, 1965.
- Muriel Jane Pierson, B.M., North Park College, 1965.
- Ronald Elmer Predl, B.M.E., Northwestern University, 1965.
- Donna Wellhausen Rogers, B.S.E., University of Arkansas, 1964.
- Rodney Dean Rolfs, B.M., Bethany College, 1962.

NORTHWESTERN UNIVERSITY

Darold Clayton Rupp, B.A., Augsburg College, 1963.
Ruth Ann Seeburger, B.M., Michigan State University, 1962.
Joyce Grika Sklar, B.M., University of Michigan, 1963.
Karen Jeanne Szymanski, B.M., Northwestern University, 1965.
Anna Tabbath Tarzier, B.M., University of Tennessee, 1965.
Stuart Oliver Turner, B.M.E., University of Denver, 1964.
William Joel Tuttle, B.M., Simpson College, 1964.
Nancy Jane Vang, B.A., St. Olaf College, 1964.
Susan Emma Veigel, B.A., College of St. Catherine, 1963.
Kristi Lenore Vensand, B.S. in Ed., Northern State Teachers College (Aberdeen, S.D.), 1964.
Marlene Sue Vest, B.M., Greensboro College, 1965.
Martha Louise Waterman, B.A., Wells College, 1965.
Michael Day Williams, B.M.E., Northwestern University, 1964.
David Gay Woods, B.M., Washburn University, 1965.
Pauline Jar-Pin Young, B.M., University of the Pacific, 1962.

BACHELOR OF MUSIC

David Alan Bates	Edwin LaFontaine Kemp III
Carver William Blanchard	Mary Hall Kogen
Philip Edward Brink	Laurence Elliot Libin
Carole Lyndeth Cowan	Janel Elizabeth Lundgren
Susan Winn Dilday	Joy Lynn Medler
Charlotte Dee Gipson	Pamela Adrienne McConnell
Mary Ann Holman	Elizabeth Anne Phifer
Margaret Anne Hughes	Nancy Jane Post
Richard Evan Johnston	Eddie Edgell Rusk
Antoinette Cook Keet	Andrea Wray Urban

BACHELOR OF MUSIC EDUCATION

Jane Ruth Angelus	Jerome Bernard Knoflicek
Ronald David Arron	Joseph Carl Maielli
Karla Swartzel Boyles	Robert Ennis Marshall
Benton Barry Darda	Barbara Elizabeth Naifeh
Marilyn Heinmiller Doubek	Arlene Gunness Nielsen
Barbara Ann Everett	Charleen Ruth Shand
Ronald John Fielding	Edward Allen Sheftel
Arlene Lois Gratz	Josef Florian Stulac II
Sheila Jayne Hanson	Paul Alan Tervelt
Phyllis Ann Herzog	Miles Frank Vokurka
Elizabeth Ann Hotz	

THE SCHOOL OF BUSINESS

Candidates presented by DEAN JOHN A. BARR

MASTER OF BUSINESS ADMINISTRATION

Alan Lee Acker, B.S.M.E., Illinois Institute of Technology, 1963; M.S., Northwestern University, 1965.
 Joel Stewart Adelman, B.S.B.A., Northwestern University, 1965.
 David Lawrence Adler, B.S.B.A., University of Kansas, 1962.
 Robert Edward Babiarz, B.S.M.E., University of Wisconsin, 1962.
 Clarence Paul Bachar, B.S., Roosevelt University, 1955.
 Joseph Bagel, B.S.B.A., Northwestern University, 1947.
 Anthony Mark Baldwin, A.B., Boston College, 1964.
 Tom Lindsley Banks, B.S.B.A., Northwestern University, 1965.
 John Robert Baum, B.S.I.E., Lehigh University, 1964.
 Jerrold Lee Becker, B.A., Iowa Wesleyan College, 1964.
 Richard Karl Behrens, A.B., Dartmouth College, 1964.
 Bernard Wendell Bishop, B.S.E.E., University of Illinois, 1961.
 Stuart Armin Blankstein, A.B., Syracuse University, 1963.
 James Vincent Blazek, B.S.E.E., Northwestern University, 1960.
 Raymond Wallace Blood, B.S., University of Illinois, 1958.
 F. Glenn Breen, Jr., B.B.A., University of Notre Dame, 1965.
 V. Carter Broach, Jr., B.A., Westminster College, 1962.
 John Donaldson Brookmeyer, Jr., B.A., Wabash College, 1964.
 Robert Edwin Brown, B.S., North Central College, 1958.
 Thomas Robert Butler, B.A., University of Notre Dame, 1964.
 James Douglas Butterworth, B.S.Ch.E., University of Oklahoma, 1962.
 Thomas Michael Byrum, B.S., Indiana University, 1961.
 Brian Phillip Campbell, B.S.C., DePaul University, 1963.
 Wayne Robert Carlstedt, B.A., Denison University, 1963.
 Thomas Wade Chapman, A.B., Cornell University, 1964.
 Leopoldo Manalac Clemente, Jr., B.S.B.A., University of the Philippines, 1959.
 John Thomas Conley, B.S., Northwestern University, 1963.
 Brian Denis Conmy, B.S.C., Loyola University, 1952.
 Willard Eugene Cook, Jr., B.A., Dartmouth College, 1964.
 Clark Joseph Cottrell, B.S.B.A., Northwestern University, 1947.
 Joel John Crabtree, B.S., Northwestern University, 1961.
 David James Croft, B.S., Stanford University, 1964.
 Kenyon Roberts Cruden, B.A., Willamette University, 1964.
 Emmanuel B. Cu, B.S.Ch.E., De La Salle College (Philippines), 1963.
 William Raymond Culbertson, A.B., Knox College, 1964.
 Thomas Paul Cutietta, B.S., University of Illinois, 1965.
 David Leon Cyranoski, B.S.B.A., Northwestern University, 1965.
 Ronald Lee Dahlgren, B.S., Northwestern University, 1961.
 Gordon Herbert Dahlquist, B.S.M.E., Northwestern University, 1959.
 Douglas Allan Dallmer, B.S.Met.E., Missouri School of Mines, 1960.
 Richard Gregory D'Amico, B.A., University of Notre Dame, 1964.
 Joseph E. Danes, B.S.M.E., University of Illinois, 1956.
 Geoffrey Richard Dashwood, B.S., University of Bristol (England), 1964.
 William Zolte Davidson, A.B., University of California, 1964.
 Harry Scott Davis, Jr., B.S.C., University of Louisville, 1965.
 John Charles Dearie, B.B.A., University of Notre Dame, 1962.
 Philip David DeBruyne, B.B.A., University of Notre Dame, 1964.
 Michael Girard Deverell, B.S., Oregon State University, 1964.
 John Alan Doubek, B.A., Northwestern University, 1964.
 Chester Victor Doyle, B.S.B.A., University of Arizona, 1960.
 Carter Hubert Eckert, B.S., Illinois Institute of Technology, 1964.
 James Patrick Egan, B.S.B.A., University of South Dakota, 1962.
 Robert Russell Ekroth, B.S.B.A., Bucknell University, 1964.
 Joseph Conrad Emma II, B.S.E.E., Northwestern University, 1951.

NORTHWESTERN UNIVERSITY

Sven Victor Erickson, B.S.B.A., Northwestern University, 1959.
 James Bush Ethier, B.S.B.A., Georgetown University, 1965.
 Everett Lee Evans, B.S.M.E., Valparaiso University, 1964.
 Robert Clark Fanning, B.S.A., Purdue University, 1964.
 Robert Hamill Fitzsimmons II, B.S.B.A., University of Kansas, 1962.
 John Francis Frasz, B.S., Florida Southern College, 1955.
 Maurice Gilbert Friedman, B.A., Dartmouth College, 1963.
 Kent John Frisby, B.S.B.A., Marquette University, 1965.
 Roger Daniel Frost, B.A., University College (Wales), 1964.
 William Gapp, B.S.I.E., Northwestern University, 1959; M.S.I.E., Northwestern University, 1960.
 Gary Charles Garrett, A.B., Stanford University, 1964.
 John Allen Gerlach, B.S., Yale University, 1962.
 William Noland Gillmor, B.A., Westminster College, 1962; M.S., Kansas State University, 1964.
 Morris Ray Godfrey, A.B., University of North Carolina, 1960.
 Alvin Lee Goldberg, B.S., University of Illinois, 1961.
 Stuart Marc Goode, B.S., Northwestern University, 1965.
 Gary William Grant, B.S., Brigham Young University, 1965.
 James Elwyn Gwyn, B.J., University of Missouri, 1954.
 Douglas Dean Hagestad, B.S., Washington and Lee University, 1965.
 Harry Robert Hagey, B.A., Williams College, 1963.
 Michael Walsh Hanrahan, B.M.E., University of Santa Clara, 1957.
 David Wesley Hargrove, B.S.B.A., Northwestern University, 1960.
 Erskine Lee Harkey, Jr., B.S.M.E., Duke University, 1960.
 Geoffrey Scott Harris, B.A., Northwestern University, 1963.
 James Woodress Harris II, B.B.A., University of Oklahoma, 1965.
 William North Harris, B.S.B.A., Boston University, 1961.
 John Sinberg Haskell, B.A., Brown University, 1964.
 Herbert Bradford Hays, Jr., B.B.A., University of Oklahoma, 1965.
 Craig Howard Heiser, B.A., Beloit College, 1964.
 Kenneth Edward Hennig, B.S., Loyola University, 1963.
 Arne Peter Henriksen, B.S.B.A., Northwestern University, 1955.
 Joseph A. Hess, B.S.B.A., Northwestern University, 1949.
 William McIntosh Heyn, A.B., Stanford University, 1964.
 Peter Alden Highberg, A.B., B.S., Columbia University, 1963 and 1964.
 George Henry Holley, B.B.A., University of Notre Dame, 1962.
 George Harris Hull, Jr., B.S., New York State Maritime College, 1962.
 Giorgio Inzerilli, Politecnico of Milan (Italy).
 Chickayasu Ito, B.A., Waseda University, (Japan), 1962.
 George Edward Ivory, B.A., Brigham Young University, 1964.
 Charles Lloyd Johnson, Jr., A.B., Colgate University, 1964.
 William James Jones, B.S.M.E., University of Notre Dame, 1958.
 Francis Phillip Kahanic, B.S.E.E., Union College, 1954.
 Thomas Alan Kaminski, B.S., Purdue University, 1961.
 Ernest Walter Karlenzig, B.S.C., State University of Iowa, 1958.
 Phillip Alan Kellner, B.B.A., City College of New York, 1965.
 William Bennett Keroff, B.S., University of Illinois, 1965.
 Michel André Kieffer, D.E.S., *Ecole Supérieure de Commerce de Paris* (France), 1964.
 Daniel Ernest Kletter, B.S.M.E., University of Notre Dame, 1960.
 Thomas Edward Klug, B.A., Williams College, 1964.
 Joseph Fred Knott, B.S.Ch.E., University of Notre Dame, 1964.
 William Harry Korab, B.S.Ch.E., University of Maryland, 1964.
 Willard Charles Korn, Jr., A.B., Stanford University, 1964.
 Peter Charles Kosche, B.Ch.E., Rensselaer Polytechnic Institute, 1964.
 Stanley John Kouba, B.S., Northwestern University, 1965.
 John Bode Kovas, B.A., Dartmouth College, 1964.
 Ronald Allen Kovas, A.B., Stanford University, 1964.
 Arthur August Krumrei, Jr., B.S., University of Illinois, 1959.
 Richard Sumter Lacey, A.B., Princeton University, 1964.
 Harry Landsiedel II, B.S.C., Washington and Lee University, 1964.
 Joseph Curry Lane, A.B., Regis College, 1964.

ONE HUNDRED AND EIGHTH COMMENCEMENT

George Edward Larney, B.S., University of Illinois, 1965.
 Karl-Erik Rydh Lassenius, D.E., *Handelshogskolan vid Abo Akademi* (Sweden), 1962.
 Florian Thomas Latek, B.S., Indiana University, 1956.
 William Henry Leary III, B.A., Northwestern University, 1964.
 Robert Troiano LeClair, B.S., University of Pennsylvania, 1965.
 Roger Dennis Linqvist, B.S.M.E., M.S.M.E., Purdue University, 1961 and 1963.
 Chester G. Lis, B.S.M.E., Illinois Institute of Technology, 1962.
 John Reems Lister, B.S.I.E., Texas A. & M. University, 1961.
 James Edward Long, B.S.E.E., Purdue University, 1964.
 Edward John Lysen, B.S.B.A., Kent State University, 1961.
 James Crayton Lytle, B.S., University of Illinois, 1960.
 Stephen Michael Maag, B.S., University of Utah, 1964.
 David Robert Magee, B.S.A.E., Purdue University, 1958.
 Richard Jay Manassa, A.B., A.M., Indiana University, 1957 and 1959.
 Stanley Wayne Mandel, B.S.M.E., Tulane University, 1964.
 Wayne Arthur Marthaler, B.S., University of Illinois, 1957.
 Edwin Tatman Mason, B.A., Yale University, 1963.
 William Christopher Maxwell, B.S., Pennsylvania State University, 1965.
 Harold Frederick Mayer, B.A., Beloit College, 1964.
 Edward Michael McGovern, B.S., Boston College, 1965.
 James Redfield McIntyre, B.S., Northwestern University, 1941.
 Norval Francis McKechnie, A.B., St. Benedict's College, 1957; M.A., University of Detroit, 1960.
 William Clarence Mescher, B.S.E.E., University of Illinois, 1953.
 Charles David Miller, B.A., Beloit College, 1964.
 Richard Graydon Miller, B.A., Florida Presbyterian College, 1964.
 Robert Francis Moore, B.A., Dartmouth College, 1961.
 Junius Davis Morrison, Jr., A.B., Wheaton College, 1964.
 Gerald Dean Mundt, B.S., Iowa State University, 1958.
 Melvyn Lawrence Nadler, B.S., DePaul University, 1964.
 Brian Louis Nahey, B.S.B.A., Northwestern University, 1965.
 David George Nasaw, B.S.B.A., Northwestern University, 1965.
 John David Nelson, B.A., Northwestern University, 1963.
 John Werner Nelson, B.S., Purdue University, 1964.
 James Victor Neuberger, B.S.B.A., Creighton University, 1965.
 Laurance Robert Newman, B.S., Northwestern University, 1963.
 Roger Wolfe Norian, B.S.B.A., Northwestern University, 1965.
 Donald Jack Norsworthy, B.B.A., Western Michigan College, 1959.
 Barry Newton Novy, B.A., University of Chicago, 1964.
 Michael Alan Oberman, A.B., Brandeis University, 1964.
 Stephen Francis O'Bryan, B.A., University of Notre Dame, 1964.
 Norman Paul Olson, B.B.A., Northwestern University, 1963.
 Robert Richard Olson, B.S.B.A., Northwestern University, 1965.
 Martin Ray Ormond, B.S.Ch.E., Massachusetts Institute of Technology, 1964.
 Carleton Paul Palmer III, B.A., Ohio Wesleyan University, 1964.
 Charles William Palmer, B.A., Yale University, 1958.
 Roger Roland Pardo, B.S., University of Illinois, 1965.
 William Miller Peck, Jr., B.S. Pet.E., B.S. Geol.E., University of Oklahoma, 1964.
 Byron Joel Peterson, B.S., Massachusetts Institute of Technology, 1963.
 Richard Irvin Polanek, B.S.B.A., Northwestern University, 1960.
 Richard Wayne Potter, B.A., Cornell College, 1953.
 Michael Robert Prophet, B.S.B.A., Northwestern University, 1965.
 Joseph Alex Putz, B.S.I.E., Illinois Institute of Technology, 1960.
 Charles Watson Racine, A.B., Stanford University, 1964.
 James Francis Rappel, B.B.A., Loyola University, 1965.
 Frederick William Ray III, B.B.A., University of Notre Dame, 1965.
 Thomas Edward Reddy, B.Mgt.E., Rensselaer Polytechnic Institute, 1964.
 David Ronald Reiner, B.S.I.E., Purdue University, 1964.
 Howard Gustav Riemer, B.A., Valparaiso University, 1957.
 Henry William Roberts, B.B.A., Northwestern University, 1962.
 James Lyle Rockenbach, B.S.E., Princeton University, 1964.
 Gilbert Rothschild, B.B.A., University of Michigan, 1961.

NORTHWESTERN UNIVERSITY

- Brian Gene Sandberg, B.S., University of Illinois, 1961.
 Frederick Thomas Sandburg, B.A., Northwestern University, 1964.
 Wilfred Hartwell Sanders, B.S.I.E., Northwestern University, 1962.
 James Theodore Schaefer, B.S.C., DePaul University, 1959.
 Robert John Schank, B.B.A., Loyola University, 1965.
 Hal Alvin Schmithorst, B.B.A., University of Cincinnati, 1965.
 Richard Lee Schwanbeck, B.A., Lawrence College, 1964.
 Curtis Raymond Seib, B.S.M.E., Evansville College, 1960.
 Frank Albin Setnicar, B.S.C., Loyola University, 1948.
 David Jeffery Shaw, B.S.B.A., Northwestern University, 1961.
 Jerry Dale Shay, B.S.Ch.E., University of Missouri, 1960.
 Jonathan Harry Sherr, A.B., Princeton University, 1964.
 Floyd Edward Siegel, B.B.A., University of New Mexico, 1958.
 Joseph Slipko, Jr., B.S., Case Institute of Technology, 1964.
 Nicholas Dean Smith, B.A., B.S.M.E., Lehigh University, 1963 and 1964.
 Ralph Christian Smith, A.B., Princeton University, 1963; A.M., Harvard University, 1965.
 George Lovell Sneed, B.A., Southern Methodist University, 1962.
 John Adolphus Staley IV, B.S.B.A., Duquesne University, 1965.
 Craig Clayton Standen, B.A., Denison University, 1964.
 Harry Gerard Steele, B.B.A., University of Notre Dame, 1965.
 Robert Connell Steffey, A.B., Stanford University, 1964.
 Steven Markley Steiner, B.S., Pennsylvania State University, 1965.
 Thomas Craig Stevens, B.A., Trinity College, 1964.
 Gregory Ray Strawn, A.B., Grinnell College, 1964.
 Bruce Frank Stulik, B.S., Purdue University, 1964.
 Robert William Thomas, B.S.M.E., Purdue University, 1929.
 Willie Edgar Thompson III, B.S.Pet.E., Texas Technological College, 1961.
 George Riley Thurston, Jr., B.S.B.A., Northwestern University, 1965.
 John Michael Tomasch, B.A., Ohio State University, 1962.
 John Koehler Triller, B.A., Hanover College, 1964.
 Thomas Edward Turek, B.S.Ch.E., University of Idaho, 1964.
 Jay F. Turner, B.S.E.E., Rensselaer Polytechnic Institute, 1964.
 James Scott Twerdahl, B.A., Trinity College, 1964.
 William Franklin Underwood, B.S.C., University of Louisville, 1965.
 Alvin Joseph Unick, B.S., University of Illinois, 1950; M.A., Indiana University, 1952.
 Richard Louis Urevig, B.S.B.A., Northwestern University, 1960.
 Frank Ramsey Valentine, Jr., B.S.B.A., Lehigh University, 1965.
 Maynard Peter Venema, Jr., B.S., Bradley University, 1964.
 Kenneth John Virnig, B.S.C., University of Santa Clara, 1965.
 Marjorie Jane Voltz, B.B.A., Northwestern University, 1961.
 Gary Lynn Waldron, B.S., University of Wisconsin, 1964.
 Dale Robert Wassergord, B.S.B.A., Washington University, 1965.
 Alfred Gene Weinsheim, B.S., Miami University, 1958.
 William Harry Weintraub, B.S., University of Illinois, 1964.
 Richard Irving West, B.S., Wisconsin State University, 1957.
 Thomas Cauthorn White III, B.A., University of Arizona, 1964.
 Jon Post Windness, B.S.B.A., Northwestern University, 1961.
 Dudley F. Wing, Jr., B.A., University of Denver, 1964.
 Bruce Alan Winograd, B.S.B.A., Northwestern University, 1965.
 Howard Laurance Wolfman, B.S.E.E., University of Illinois, 1960.
 David Neil Woodyatt, B.S., University of Pennsylvania, 1965.
 William Allan Workman, B.S., University of Illinois, 1960.
 Robert Dean Yelli, B.B.A., Loyola University, 1965.
 Lary Frank Yud, B.A., Northwestern University, 1964.

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BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Melvin Sydney Adess
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 William Carl Andersen
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 George Perry Auld, Jr.
 Harrison Carter Barger
 Donald Edwin Bates
 Joan Erzer Behrens
 Robert Nathan Bell
 David James Braze
 George Robert Bruha
 David Lee Bryant
 Philip Andrew Carraro
 George Coleman Casey
 James Gregory Coconas
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 John Henry Coppens
 Eugene Earl Cragg, Jr.
 John Conrad David
 John Arthur Davis
 Kenneth James Davis
 Millard Eugene Day, Jr.
 Terry Joe Dessent
 Mark Stanley Dorfman
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 Craig Rudolph Dvorak
 Michael Jay Elkins
 Richard Lee Ernst
 Ivan Victor Fosheim, Jr.
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 Paul Francis Gerbosi
 Jeffrey Alan Gerth
 Robert Elliott Gooding, Jr.
 Fred Eugene Graham II
 James McLaren Grant
 James Wendell Grebe
 James Murney Green
 Daniel Richard Hajduk
 Robert Arthur Hale
 Charles Frederick Hall
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 Bruce Titus Hilby
 John David Hill, Jr.
 Thomas Garber Hollinger
 Richard Fuller Hough
 David Bruce Jepsen
 James Beck Jirikow
 James Andrew Justus
 John Carey Keane
 Donald Paul Keeley
 Willard Mast Kerr
 Coyle Eugene Knowles, Jr.
 Barry Benjamin Kreisler
 Mark Herbert Labkon
 Eugene Frank Lannert, Jr.
 John Brian Leline
 Thomas Kirkeby Lenchen

Lawrence Farrell Levy
 David Craig Lewis
 William Headley Liebrock
 Robert Bradley Lienhart
 Michael Joseph Liszka
 Bruce Warren Lohse
 William Harold Michael Lossie, Jr.
 Willis James Lovitt
 William Madison
 James Christopher Mallon
 William Howard Martay
 Robert James Marzec
 Peter Wendell Mattingly
 William Litchfield McKee
 John Davis McMillan
 David Lester Milam
 Terence Edward Monaghan
 Talmage Edward Newton
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 Stuart Russell Peterson
 Joseph Edward Powell
 George Edward Powlick
 William Edward Racine, Jr.
 Gordon Thomas Reed
 James Colgan Reiher
 Jeffrey Wayne Rietze
 Austin Michael Rist
 Charles King Robbins
 James Charles Roemig
 Bruce James Roth
 David Neal Sare
 Thomas Lewitt Schaefer
 Astrid Helen Scheffler
 Sharon Kay Seltzer
 Robert Frederick Semmer
 Willis Albert Siegfried, Jr.
 Richard Tinney Skeen, Jr.
 Bruce William Smith
 David Neil Smith
 Charles Walter Staudenmayer
 Gregory Alan Stayart
 Roger Thompson Stelle
 Samuel Spencer Stewart, Jr.
 Donald George Sullivan
 Carl Michael Szabo
 Warren Edward Taylor
 Jill Jean Trinen
 Carolyn Trutter
 Marilyn Trutter
 Sanfred Earle Turnquist
 Charles Gerron Vartan
 H. Charles Vogt
 Robert Morris Waller
 Richard Allen Wallhoff
 John Rollin Wallingford
 Carl Maddra Webber
 Richard Berthold Weil
 Howard Martin Weiner
 Cameron Philip Welles
 Joseph Harris Wender
 Richard Alan Werbel

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Henry Edward Wessel
Helen Jo Wien
Lee Donald Williams

James Walter Wilson
Richard Minoru Yamada
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Sylvia Kay Bohrman
William Henry Bose
Albert Joseph Brueggemann
Melvin John Bubley
John Andrew Charckon, Jr.
Donald A. Clary
Edward Paul Connors
Kimberly Page Coppage
Kenneth Rus Crago
Emanuel Leroy Duntun
John Charles Ebenreiter
Frank Matthew Feleigh
Dean Laddie Frelk
John Henry Freeman
Edward Michael Gaul
James Edward Geis
Charles Andrew Gruenwald, Jr.
Burton Willard Hales, Jr.
Allen Francis Hosticka
Raymond George Hromadka
Harold Jaffe
John Bruce James
Elliott Katz
John Charles Keane
Paul Sho Kimura
Edward Kondella
James Eugene Koopman
Ronald Korol
Dan Olav Laksfoss
Henry George Lewandowski
Roy Lozano
Robert Al Ludwig
Howard Henry Meyer
James Robert Miller
Kathleen Mae Myers
Virgil Cletus Needham

Richard Allen Nelson
Norbert George Oliver
Edward Organ, Jr.
John Oster, Jr.
Donald Plummer Ott
Richard Ralph Parker
Charles Joseph Perreault, Jr.
Andrew Bernard Plebanek
George Roger Pluister
Robert Edward Ptak
Robert James Rockouski
Howard Michael Roob
Robert Frank Routh
Robert Sack
Arthur Elliott Salins
Edward Frederick Schmidt
Joseph Marion Serkowski
Ronald Fred Siegler
Sandra Ann Sipari
Warren Smith
Eugene Robert Sokol
Kristian Sonju
Joseph John Squillaci
Don Cecil Stewart
Stanton George Stram
Wilfred John Strunk
Thomas James Sullivan
Raymond Robert Taylor
William Jesse Taylor
Toney Terreo
William van Straaten
Edwin John Vesely
Richard Robert Vieracker
Arthur Gary Vogelgesang
John Edgar Wahl
William Cherry Walter
Wilfred Pasche Wilke
James Arthur Wille
Robert Hugh Winkels
Dudley Yatabe
Harvey William Zajicek
Richard Donald Zielinski

THE MEDILL SCHOOL OF JOURNALISM

Candidates presented by DEAN I. W. COLE

MASTER OF SCIENCE IN JOURNALISM

Charles Abrams, B.S. in Communications, University of Illinois, 1965.
Larry William Allen, A.B., Indiana University, 1965.
Kathleen Anne Arnold, B.A., Syracuse University, 1965.
Juan L. Cappello, B.S., University of Chile, 1963.
Thomas William Cheatham, B.A., Pacific University, 1965.
Wesley James Christenson, B.A. in Journalism, University of North Dakota, 1964.
Ronald Dean Clark, B.A. in Journalism, Kent State University, 1965.
David Jay Coons, B.S. in Journalism, Northwestern University, 1965.
Elliott Tunstall Cooper, Jr., A.B., University of North Carolina, 1961.
Frank Michael Corrado, B.A., University of Notre Dame, 1964.
Gail Alice Evans, B.A., University of Michigan, 1964.
David James Fields, B.S. in Journalism, Northwestern University, 1962.
Daniel Joseph Foley, B.A. in Journalism, Montana State University, 1965.
Alvin From, B.S. in Journalism, Northwestern University, 1965.
Thomas Plamootil George, B.S., University of Kerala (India), 1961; M.R.E., Evangelical Theological Seminary, 1964.
Edwin Castleberry Graves, B.A., Howard College, 1965.
John Shambaugh Gregory, B.S. in Journalism, Northwestern University, 1965.
Frederick Glen Hetrick, B.S., University of Utah, 1964.
Thomas Maynard Hillstrom, B.S. in Journalism, Northwestern University, 1965.
Ann Laird Jarrett, B.S. in Journalism, Northwestern University, 1965.
Stephen John Kaye, B.S. in Journalism, Northwestern University, 1965.
Joan Ellen Kemeny, B.A., Syracuse University, 1965.
Mary Margaret Knoblauch, B.S. in Journalism, Northwestern University, 1964.
Marcia Alice Knopf, B.A., University of California (Santa Barbara), 1964.
Howard Barry Krakow, A.B., Guilford College, 1964.
Charitina Krupka, B.S. in Journalism, Northwestern University, 1965.
Carolyn Ann Langway, B.S. in Journalism, Northwestern University, 1965.
Stephen Jeffrey Lawrence, B.A., University of California (Santa Barbara), 1964.
Marilyn Kay Moats, B.S. in Journalism, Northwestern University, 1965.
Jerry Lee Morton, B.A., Michigan State University, 1965.
James Kent Planck, B.S. in Journalism, Northwestern University, 1965.
Thomas Mark Popson, B.S. in Journalism, Northwestern University, 1965.
Lorin Ralph Robinson, B.S. in Journalism, Northwestern University, 1965.
Stephen Edward Ronald, A.B., Earlham College, 1963.
Ronald Robert Schlachter, B.S. in Journalism, Northwestern University, 1965.
Jerry Robert Salancik, B.S. in Journalism, Northwestern University, 1965.
Thomas Eddy Sellers, B.S. in Journalism, Northwestern University, 1965.
William Sluis, Jr., B.S. in Journalism, Northwestern University, 1965.
David Benjamin Sutton, B.S. in Journalism, Northwestern University, 1965.
David Hans Vorland, Ph.B., University of North Dakota, 1965.
Wyatt Harold Williams, Jr., B.S. in Journalism, Northwestern University, 1965.
Jan Elliott Zechman, B.S. in Communications, University of Illinois, 1965.

BACHELOR OF SCIENCE IN JOURNALISM

Harriette Jean Adelsman
Barbara Backer
Iris Broudy Bailin
Frank Richardson Barnako, Jr.
Alice Barbara Barnow
Janis Karen Bateman
Sarah Louise Bean
William Joseph Bean
Stanley William Berry

Carole Joan Bilina
Charlotte Hayes Blake
Donelle Bokich
Peter Conway Bordwell
Gary Bernard Braasch
Carole Eve Bryan
Christine Cabell
Elizabeth Louise Cittadine
James Thomas Clare

NORTHWESTERN UNIVERSITY

Warren David Colman
 Arnold Phillip Consdorf, Jr.
 Bonnie Needham Croft
 Barbara Lynn Croker
 Marcia Lynn Davis
 Barbara Jean Dill
 William Watt Donnell
 Gabriella Ann Doppelfeld
 Daniel Bruce Droege
 Margaret Allen Dunsmoor
 James Michael Dunteman
 Dianne Bernice Ehlers
 Thomas Oliver Ehrenkranz
 Carole Ann Etzler
 Fred Jay Eychaner
 Tana Jean Goldberg
 Linda Ann Grove
 Andrew Rowland Hagen
 Louis Michael Haller
 Carol Lindquist Hanson
 Karen Ann Harn
 John William Heath
 Katherine Anne Held
 Paula Herbut
 June Kay Hielscher
 Walter Stanley Horsfall
 Wendell Hugh Huff, Jr.
 Leonard Phillip Iaquina
 Gary William Johnson
 Penelope Allen Johnston
 Mary Elizabeth Juneau
 Harriet M. Kandel
 Kathryn Anne Kandlik
 Laird Robert Kelly
 Roger Deane Knight
 Judith Ann Kraines
 Barbara Holley Kuehn
 Ann Katherine Lage
 Susan Margaret Lauber
 Carlton Richard Lutterbie, Jr.
 Andrew Hogarth Malcolm

Kathleen Suzanne Marshall
 Judith Foster Matthews
 David Mitchell Maxfield
 Melinda Frances McGinty
 Lucyna Jozefa Migala
 Linda Blair Miller
 Marilyn Greene Moran
 Robert Eugene Morr, Jr.
 Jean Karilyn Niebuhr
 Nicholas Henry Nutter
 Carolyn May Ober
 Stephen Roy Oda
 Patricia Anne Palomaki
 Alice Fulton Park
 Anne Margarethe Peterson
 David Van Dyke Polhemus
 David Lee Rehder
 Barbara Grace Renkens
 David Raymond Richert
 Judith Sharon Roberts
 James Timberlake Robison
 Elizabeth Lansing Rogers
 Sandra Susan Sanoski
 Stuart Alan Schwartz
 Martin Jay Schwartzman
 Virginia Hanks Seeman
 Barbara Frances Sipple
 Barbara Lynn Snip
 Melinda Beth Stief
 Richard Kenneth Stilley
 Susan Lee Strane
 Helen Mott Streeter
 David Mitchell Sullivan
 Jack Buxton Swanson
 Barbara Swanson Thiele
 Edward Harley Thiele
 Judith Baar Topinka
 Linda Jane Van Kirk
 Rebecca Jean Welch
 Michael Russell Whitney
 Patricia Kate Wilson

THE SCHOOL OF EDUCATION

Candidates presented by DEAN B. J. CHANDLER

BACHELOR OF SCIENCE IN EDUCATION

Barbara Ann Ackermann
 Stephanie Adams
 Sandra Lindquist Atols
 Deborah Lee Bach
 Kathleen Lorraine Banka
 Pamela Jeanne Barnhart
 Phyllis DeBruyne Bartel
 Diana Mae Beczkalo
 Judith Fenchel Bendoff

Deborah Ann Bennett
 Penelope Jolinson Berlet
 Mary Kay Berry
 John Kennard Bevan
 Nancy Ann Bodtke
 Carole Dianne Brouwer
 Michael Montague Buckner
 Sharon Lee Burzinski
 Gail Nelson Bush

ONE HUNDRED AND EIGHTH COMMENCEMENT

Nina Judith Casadei
Karen Christaldi
Eileen Janet Cohen
Elaine Linda Cohen
Gary LeRoy Crum
James Edwin Dau
Joanne Marjorie diDonato
Barbara Lynn Downs
Judith Ann Eggleston
Beverly Anne Fairbairn
Jeanne Hansen Faircloth
Susan Penelope Fisher
Barbara Diane Foertsch
Mardan Jeanne Foster
Isabel Elsie Franzen
Ingrid Ann Frigaard
Janet Dianne Glass
Barri Marcia Golbus
Arthur Benjamin Graham
Carol Ann Gross
Bette Kahan Grossman
Judith Carroll Ground
Diane Gwen Gwinn
Diana Susan Haber
Phillip Russell Hagstrom
William John Hansen
Patricia Ann Hauck
James Richard Haugsness
Eleanor Irene Herson
Mary Eleanor Hicks
Sandra Gail Higgins
Beverly Hess Hofmann
Lorelei Gail Hozman
Nancy Lou Hughes
Sharon L. Hughes
Judith Ann Jurgensen
Rochelle Kanter Kelz
Carol Sue Kriegbaum
Cynthia Lane Leiphart
Anne Harriet Lennox

Patsy Henry Lill
Martha Ellen Little
Susan Dorothy Long
Priscilla Pugh Matheny
Carol Moore McCord
Richard Meitus
Helen Gibson Moyer
Stephen William Murphy
Frances Keith Murray
Laura Lee Counte Nesbeitt
Kathryn Mary Nolan
Thomas John Nunamaker
Gerald Lee Oberdorf
Deanna Berna Olson
Susan Frieda Olson
Susan Miriam Prauer
Mary Kathleen Rossi
Cinda Jane Russell
Susan Kistenbroker Schierstedt
Sharon Lynne Schloskey
Mary Eileen Schroeder
Robert Andrew Schutt
Lois Weinrib Schwartz
Richard Gale Scoles
Michael William Shea
Karen Marie Sherwood
Eileen Marilyn Shneider
Elaine Judith Silverstein
Mary Lovejoy Sweet
Judith Arlene Tarantur
Sharon Frances Tobey
Karen Emily Todd
Joyce Murray Treffman
Nancy Dorothy Wendt
Elise Joan Williams
Holly Sue Wilson
Karen Mills Wilson
Gary Norman Wodder
Linda Weber Young

THE TECHNOLOGICAL INSTITUTE

Candidates presented by DEAN HAROLD B. GOTAAS

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

John Frederick Frank III
Alan Dean Groves
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James Fredrick Mann
Roger Alan Mansnerus
Gary A. Mellinger
Michael I. Morris

Mark Johnston Morton
Scott A. Mueller
Louis F. Niebauer, Jr.
Richard L. Pflederer
Theodore David Reed
James Bruce Singleton
Bruce Eliot Ruisard
Denis Gerald Stefango
Martin Allen Zeitlin

NORTHWESTERN UNIVERSITY

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Ronald W. Eash
Michael Edward Endres
James Allan Haney
Fred K. Kluessendorf
Dennis J. Larkin
Kurt Vance Leininger
Karl Kuchs Nesbeitt

Ralph John Nuismer
Paul Larry Shriver
Louis James Slade
Noel Clayton Smith
Robert Lund Sogge
James John Spinello
Donald Kimon Wong

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Bernhard Hans Andresen
John H. Becker, Jr.
Norman E. Brunner
William Rice Cargill III
George Arnold Carlson
Edward Charles Carlstone
Gary Lynn Conrad
Merrick H. Cooperman
Vincent Rudolph DeMartino
Jeffrey N. Denenberg
Daniel Albert DePompei
George Wayne Dietrich
Kent Leo Engel
James Richard Fox
James L. Funk
Allen R. Gordon
Dennis Carlen Gray
James Edward Greenlee
Robert John Harrison
John Oscar Hedlund
James Dale Herrell

John C. Hindman
Ronald Stuart Hosek
Keith Willard Johnson
Sidney P. Kingdon
Ernest Campbell Macintyre, Jr.
James T. Mars
Craig Thompson Martin
L. Craig Edgar Miller
Marvin W. Murray
Edward James Pacana
Charles E. Quarton
James Peter Quint
Michael S. Repko
Eugene Augustus Roche, Jr.
Robert E. Schneider
Thomas F. Schwab
Gerald William Shields
Stephen E. Smith
Neal Frederick Thomas
Paul David Ulland
Alan Theodore Wetzel

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Charles Merrill Bierfeld
David C. Borck
Gary Roland Bryan
Kevin Croke
Michael N. Diedling, Jr.
Dwain Noel Jansson
Robert Werner Krahle
Ralph J. Lewis III
John Robb Mayo

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Gary William Muther
Henry Joseph Prevot
Arthur J. Rhodes
Robert Douglas Snyder
Ronald E. Wajer
Dennis George White

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

James Alan Block
Joseph Martin Brull
Charles F. Doyle
Ronald Francis Englhard
Wayne Raymond Golomb
Carl Theodore Haller III
Thomas Peter Hillstrom
Shaul Holtsman
Edgar George Hotard
Lawrence Eugene Katz
James Thomas Kovach

Richard I. Liljestrand
Scott Richard Miller
David Edward Mohrman
Richard Allan Ogren
Frederick John Parker
Jeffrey Allan Quitno
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Richard Michael Schreck
Michael Walker Walton
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Jeffrey Garth Witwer

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John L. Bowen	Brian Richard Lau
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Carl Orin Clausen	James Douglas Letz
John Nicholas Faul	Paul Ernest Luscher
Ronald H. Geils	Gerald Kent McCormick
James Edwin Grunst	Eric Raymond Siegmann
Rudolph J. Henninger	David Woodruff Smith
Linn Walker Hobbs, Jr.	David Edwin Tierney
James Raymond Keiser	Bruce Eldon Weeks
Aaron David Krawitz	Gary Lee Wire
Richard Delbert Lanam, Jr.	Arthur Edward Wright, Jr.

THE GRADUATE SCHOOL

Candidates presented by DEAN ROBERT H. BAKER

DOCTOR OF PHILOSOPHY

- Norman Ray Adsit, B.S., Oregon State College, 1957; M.S., Northwestern University, 1960. Materials Science. *Grain Boundary Sliding in Zinc and Zinc-Copper Bycrystals.*
- René Amon, M.S., Technical University of Istanbul, 1947. Theoretical and Applied Mechanics. *Bending by a Concentrated Force of a Circular Plate with a Reinforced Edge.*
- S. Joseph John Barry, B.A., St. John's University, 1955; M.A., New York University, 1960. Speech. *Some Measurements of Absolute Aural Acoustic Impedance in Normal Hearing Subjects.*
- D. Grant Bateman, B.S., Bemidji State College, 1955; M.A., Northwestern University, 1957. Education. *An Investigation of the Circumstances and Conditions of the Undergraduate Course in Elementary School Curriculum in Teacher Education Programs in Selected Universities in the United States.*
- James Manning Bergquist, B.A., University of Notre Dame, 1955; M.A., Northwestern University, 1956. History. *The Political Attitudes of the German Immigrant in Illinois, 1848-1860.*
- Richard E. Beringer, B.A., Lawrence College, 1956; M.A., Northwestern University, 1957. History. *Political Factionalism in the Confederate Congress.*
- Michael Joseph Biallas, B.S., University of Notre Dame, 1962. Chemistry. *1,2-Bis (Dihaloboryl) Ethanes as Difunctional Lewis Acids.*
- Roger Dale Blackwell, B.S., University of Missouri, 1962; M.S., 1963. Business. *Price Levels of Funerals: An Analysis of the Effects of Entry Regulations in a Differentiated Oligopoly.*
- Charles A. Boitnott, B.S., West Virginia University, 1961. Mechanical Engineering. *An Experimental Determination of Rotational Relaxation in Hydrogen from Shock Wave Density Profiles.*
- Steven J. Brams, S.B., Massachusetts Institute of Technology, 1962. Political Science. *Flow and Form in the International System.*
- Claude Henry Britt, Jr., B.A., Wake Forest College, 1951; M.A., University of Alabama, 1953. Romance Languages. *A Variorum Edition of Moreto's El Valiente Justiciero.*
- Lawrence A. Brown, B.S., University of Pennsylvania, 1958; M.A., Northwestern University, 1963. Geography. *Diffusion Dynamics: A Review and Revision of the Quantitative Theory of the Spatial Diffusion of Innovation.*
- Lee B. Brown, B.A., University of Utah, 1956; M.A., Northwestern University, 1960. Philosophy. *Deliberation and Free Agency.*
- Lewis James Brubacher, B.A., Goshen College, 1959. Chemistry. *The Kinetics and Mechanism of Papain-catalyzed Reactions.*

- Joseph Anthony Brusini, B.S., State Teachers College (Maryland), 1956; M.Ed., The Johns Hopkins University, 1960. Education. *An Experimental Study of the Development of Science Continua Concepts in Upper Elementary and Junior High School Children.*
- John Francis Carney III, B.S., Merrimack College, 1963; M.S., Northwestern University, 1964. Civil Engineering. *Dynamic Response and Stability of Discrete Spherical Structural Systems in Fluid Media.*
- Montgomery Browning Carrott, Jr., A.B., Princeton University, 1954; L.L.B., Washington University, 1957. History. *The Expansion of the Fourteenth Amendment to Include Personal Liberties, 1920-1941.*
- Richard Waller Chadwick, B.S., Illinois Institute of Technology, 1962. Political Science. *Developments in a Partial Theory of International Behavior: A Test and Extension of Inter-Nation Simulation Theory.*
- James A. Chmiel, A.B., Princeton University, 1961. Chemistry. *Ionization and Spectral Properties of Azomercurial Dye-Protein Complexes.*
- Ira Clark, B.A., New Mexico State University, 1962; M.A., Northwestern University, 1963. English. *The Son of God in the Works of John Milton.*
- Norman Crane Crawford, Jr., B.S. in Ed., Rutgers University, 1951; M.Ed., 1957. Education. *Effects of Offers of Financial Assistance on the College-Going Decisions of Talented Students with Limited Financial Means.*
- Michael Gardner Crowell, B.A., Amherst College, 1953; M.A., Northwestern University, 1959. English. *The Lexicography of Americanisms to 1880.*
- Frederic K. W. Curry, B.A., Denison University, 1954; M.A., Northwestern University, 1958; M.A., 1960. Speech. *A Comparison of Left-Handed and Right-Handed Subjects on Five Verbal and Non-Verbal Dichotic Listening Tasks.*
- John Augustus Davis, B.A., Bates College, 1940. History. *The Ku Klux Klan in Indiana, 1920-1930: An Historical Study.*
- Patrice G. de Mestral, B.D., Garrett Theological Seminary, 1961; M.A., Northwestern University, 1963. Religion. *The Heavenly Church in the Second Century; Delaying Factors in the Process of the Institutionalization of the Church in the Second Century.*
- Carlos Arthur Williston Di Bella, B.S., University of Maryland, 1961; M.S., Northwestern University, 1963. Chemical Engineering. *Nonlinear Programming in Chemical Plant Design.*
- David Allen Dixon, B.S., Northwestern University, 1963; M.S., 1964. Civil Engineering. *Dislocation Piercing a Bimetallic Interface.*
- Daniel Druckman, B.A., Michigan State University, 1961; M.S., Northwestern University, 1965. Psychology. *Dogmatism, Pre-negotiation Experience, and Simulated Group Representation as Determinants of Dyadic Behavior in a Bargaining Situation.*
- William Arthur Dunn, B.S., University of Kansas, 1960. Physics. *Magnetic Moments of the Baryons.*
- Eugene Eidenberg, B.A., University of Wisconsin, 1961; M.A., Northwestern University, 1963. Political Science. *The Congressional Bureaucracy.*
- Bruce Rowland Ekstrand, B.A., Northwestern University, 1962; M.S., 1964. Psychology. *The Effect of Sleep on Retention.*
- Stanley G. Elfbaum, B.S., Northwestern University, 1961. Chemistry. *The Catalysis of the Thiolation of Proteins and a Study of the Protein Derivatives.*
- Ann Englander, B.S., Northwestern University, 1954; M.A., 1956. English. *D. H. Lawrence: Technique as Evasion.*
- James B. Forrest, B.Sc., University of New Brunswick, 1959; M.A.Sc., University of British Columbia, 1963. Civil Engineering. *An Investigation of the Dynamic Blast Pulse Loading of a Cohesive Soil and Its Relation to the Response Spectra Concept.*
- Leila Merrell Foster, B.S., Northwestern University, 1950; J.D., 1953; B.D., Garrett Theological Seminary, 1964. Religion. *Theological Implications of Ego Identity.*
- Patrick Joseph Furlong, A.B., University of Kentucky, 1961; M.A., Northwestern University, 1962. History. *The Evolution of Political Organization in the House of Representatives, 1789-1801.*

ONE HUNDRED AND EIGHTH COMMENCEMENT

- Merwyn Stephens Garbarino, B.A., University of Colorado, 1950; M.A., Northwestern University, 1964. Anthropology. *Economic Development and the Decision-making Process on Big Cypress Indian Reservation, Florida.*
- Pierre C. Gehlen, M.S. equivalent, Université de l'Etat a Liège (Belgium), 1961. Materials Science. *Computer Simulation of Short and Long-Range Order in Binary Alloys and a Study of the State of Order in $\text{Cu}_{77}\text{Au}_{23}$ and $\text{Cu}_{70}\text{Au}_{30}$.*
- Robert David Goodfellow, B.A., North Central College, 1959; M.S., Northwestern University, 1961. Biology. *The Biochemistry and Metabolism of Sterols and Isoprenoids in the Metamorphosis of the American Silkmoth, HYALOPHORA CECROPIA (L).*
- David Wilson Graham, B.A., Occidental College, 1961; M.S., Northwestern University, 1964. Geology. *Stratigraphic and Environmental Analysis of the Hoxbar Group—Stephens County, Oklahoma.*
- Donald V. Grote, B.S. in Ed., Eastern Illinois University, 1944; M.S., University of Illinois, 1951. Education. *A Comprehensive Approach to a Program of Continuous Learning Experiences for Early Adolescents.*
- Claude Ray Gunter, B.A., Southern Illinois University, 1961. Chemistry. *The Mechanism of Deacylation of Acyl-chymotrypsins and Acyl-trypsins: A Comparison.*
- Gaylord Raymond Haas, B.S., Northwestern University, 1955; M.A., 1956. English. *The English Novel from 1731 to 1740: A Decade Study.*
- Ruth Simms Hamilton, B.A., Talladega College, 1958; M.A., Northwestern University, 1962. Sociology. *Urban Social Differentiation and Membership Recruitment Among Selected Voluntary Associations in Accra, Ghana.*
- Sol Hasson, B.S., Illinois Institute of Technology, 1951; M.S., Northwestern University, 1959. Mechanical Engineering. *Acoustic and Vibration Characteristics of Fluorescent Transformers.*
- Warren R. Haug, B.S., University of Wisconsin, 1961; M.S., Northwestern University, 1963. Chemical Engineering. *An Experimental Study of Turbulence at the Wall in a Rectangular Duct.*
- William Robert Hazard, B.S. in Ed., Illinois State Normal University, 1950; M.S. in Ed., 1951; J.D., Chicago-Kent College of Law, 1958. Education. *The Legal Status of Collective Negotiations by Public School Teachers and Implications for Public School Administration.*
- Garrett Thomas Heberlein, B.A., Ohio Wesleyan University, 1961; M.S., Northwestern University, 1963. Biology. *Development and Application of a Quantitative Bioassay for Crown-Gall Tumor Development.*
- William Edwin Hoehn, Jr., B.S., Bethany College, 1960. Economics. *Simultaneous Interpolation and Parameter Estimation.*
- Walter Kelly Hood, B.F.A., University of Pennsylvania, 1957; M.F.A., University of Hawaii, 1961. Art. *Words, Wars, and Walls: The Art Life of George Matthews Harding.*
- James Albert Horak, B.S., University of Illinois, 1958; M.S., Northwestern University, 1963. Materials Science. *Neutron Irradiation of Pure Metals and Al-Zn Alloys.*
- William H. Hutchinson, B.A., Roosevelt University, 1952; M.A., Northwestern University, 1954. English. *Demonology in Melville's Vocabulary of Evil.*
- Fawzi Philip Imad, B.Sc., American University of Beirut, 1961; M.S., Northwestern University, 1963. Electrical Engineering. *An Analysis of a Digitally Controlled Power System.*
- Gerald William Iseler, B.S., Northwestern University, 1961. Nuclear Engineering. *Production and Recovery of Point Defects Introduced into Copper and Aluminum with Electron Irradiation at 6°K.*
- Jerald Hugh Jackson, B.A., Hamline University, 1955; B.D., Garrett Theological Seminary, 1959; M.A., Northwestern University, 1960. Religion. *An Investigation of the Implications of Process Philosophy for Christology with Special Attention to the Thought of Lionel Spencer Thornton and Charles Hartshorne.*
- James Jay Johnson, A.B., Washington University, 1961; M.A., Illinois State University, 1964. Education. *The Perceived Function of Personnel Services in the Junior Colleges of Illinois.*

NORTHWESTERN UNIVERSITY

- Milton R. Johnson, B.S., Northwestern University, 1952; M.S., Stanford University, 1953. Mechanical Engineering. *A Gasdynamic Analysis of the One-Dimensional Interaction of Shock-Induced Flows with Transverse Magnetic Fields of Finite Extent.*
- Kenneth Clifton Kennard, A.B., Wheaton College, 1948; M.A., 1949; M.A., Northwestern University, 1951. Philosophy. *Whitehead's Contribution to Contemporary Discussion of the Nature of Metaphysics.*
- Robert Currie Kesselring, B.S., Wayne State University, 1959. Chemical Engineering. *Transition Boiling from a Horizontal Surface.*
- Richard Alfred Kloske, B.S., Illinois Institute of Technology, 1959; M.S., Northwestern University, 1961. Materials Science. *Solid Solution Strengthening in Gold-Silver Alloys.*
- Mark Stephen Klyn, B.S., Northwestern University, 1956; M.A., 1958. Speech. *Webster on the Seventh of March: A Study in the Theory and Practice of Rhetorical Criticism.*
- János B. v. Koplyay, M.E.E., Hungarian Royal University of Engineering, 1949; M.A.T., Northwestern University, 1963. Education. *Relationships between Teachers' Morale, Organizational Climate, and School Salary Policies in Selected Suburban Schools.*
- Dale Michael Landi, B.S., Northwestern University, 1960; M.S., 1963. Industrial Engineering. *Variable-Length Encodings.*
- Robert Lionel Laurence, B.S., Massachusetts Institute of Technology, 1957; M.S., University of Rhode Island, 1960. Chemical Engineering. *Non-Linear Diffusion.*
- C. Robert Laxson, B.A., B.M., Monmouth College, 1934; M.M., University of Idaho, 1943. Music. *An Analysis of the Opinions of Selected Chico State College Graduates Regarding the Adequacy of their Preparation to Teach Music.*
- Kenneth W. Lay, B.S., Iowa State University, 1961. Materials Science. *Dielectric and Mechanical Relaxation in Calcium-doped Cerium Dioxide.*
- Richard Harold Lefebvre, B.S., University of Michigan, 1957; M.S., University of Kansas, 1961. Geology. *Variability of Floor Basalts of the Columbia River Plateau, Central Washington.*
- Benjamin Hersch Leichtling, B.S., Clarkson College of Technology, 1961. Chemistry. *Hydrogen-Deuterium Exchange of Polypeptides.*
- Mildred Blitt Levy, B.A., Northwestern University, 1958; M.A., 1963. Economics. *Interregional Labor Migration in Ghana.*
- William Ervin Lewis, B.E.S., The Johns Hopkins University, 1962; M.S., Northwestern University, 1964. Industrial Engineering. *Stochastic Sequential Machines: Theory and Applications.*
- Beverly Loraine Lusty, B.S., University of Wisconsin, 1956; M.A., Northwestern University, 1958. Speech. *An Analysis of the Speech Content of Selected Pupil Textbooks in Language Arts: Grades Seven and Eight.*
- Mark L. Lyndrup, B.S., Trinity College, 1961. Chemistry. *The Acid-Base Behavior of Poly(vinylpyrrolidone-vinylimidazole) Copolymers.*
- Diane Castellano Mader, B.S., Fordham University, 1957; M.A., Northwestern University, 1958. Speech. *The Argumentation in the Trade Union Movement between 1902-1935.*
- Thomas F. Mader, B.A., St. John's University, 1952; M.A., New York University, 1956. Speech. *Coriolanus and God: A Burkeian View of William Buckley.*
- John Vincent Madonia, D.D.S., Loyola University, 1962. Dentistry. *Salivary Excretion of Cocksacki B-1 Virus in Rabbits Following Viremia.*
- Idris Ahmed Mahmoud, B.Sc., University of Khartoum (Sudan), 1960; M.S., Northwestern University, 1964. Civil Engineering. *Unsteady Flow in an Artesian Aquifer in which Elasticity and Permeability Depend on Drawdown.*
- Gerald F. Malling, B.S., Northwestern University, 1961; M.S., University of Illinois, 1963. Chemical Engineering. *An Experimental Study on Mass and Heat Transfer in the Flow of Gases through Packed and Distended Beds of Spheres.*
- Said El-Sayed Mohamad Matar, B.Sc., Alexandria University (Egypt), 1957; M.S., Oklahoma State University, 1961. Mechanical Engineering. *Couette Flow of a Partially Ionized Symmetric Diatomic Gas.*

ONE HUNDRED AND EIGHTH COMMENCEMENT

- Mary Eileen McAuliffe, B.A., Rosary College, 1943; M.A., Northwestern University, 1956. Education. *Manifest Anxiety, Ascendence, and Values in Students Planning to Teach.*
- Robert Myron McCallister, B.A., San Francisco State College, 1952; B.D., Pacific School of Religion, 1955; M.A., Northwestern University, 1961. Religion. *Implications of Selected Personality Theories for a Concept of Christian Nurture.*
- James Dale McHolland, B.A., Ohio Wesleyan University, 1958; B.D., Garrett Theological Institute, 1962. Religion. *The Influence of Pastoral Care on the Attitudes of Patients in the Rehabilitation Unit of a General Hospital.*
- Norma McLeod, B.F.A., University of Utah, 1953; M.A., University of London, 1957. Anthropology. *Some Techniques of Analysis for Non-Western Music.*
- Henry Martin Mittelhauser, Jr., B.S., University of Notre Dame, 1962; M.S., Northwestern University, 1963. Chemical Engineering. *Molecular Weight Distributions and Branching in Polyvinyl Acetate; the Extent and Effect on Intrinsic Viscosities and Gel Studies.*
- Jack Raymond Morrison, B.S., Pennsylvania State University, 1959; M.S., 1960. Education. *Choosing a College as Perceived by High School Seniors, School Counselors, and Admissions Officers.*
- James Alexander Muir, B.A., University of Rochester, 1960. Physics. *The System Ge-Se-Te and the Preparation and Properties of the New, Non-stoichiometric Compound GeSe₇₅Te₂₅.*
- Joseph A. Munarin, S.B., University of Chicago, 1958. Physics. *A New Size-Dependent Oscillatory Magnetoresistance Effect in Gallium at Low Temperatures.*
- John Graham Myers, B.S.F., University of British Columbia, 1954; M.B.A., University of Western Ontario, 1958. Business. *Determinants of Brand Imagery and Attitude with Special Reference to Private Brands.*
- Richard Allen Nichols, B.S., Northwestern University, 1962; M.S., 1964. Chemical Engineering. *An Adjoint Variational Method: Applications to Convective Heat Transfer.*
- Stephens Watson Nunnally, B.S., United States Military Academy, 1949; M.S., Northwestern University, 1958. Civil Engineering. *Development of a Liquefaction Index for Cohesionless Soils.*
- Thomas E. Nyquist, B.A., Macalester College, 1956; M.A., University of Minnesota, 1958. Political Science. *Local and Province Councils in the Sudan: A Study of Their Recruitment and Decision-making Functions.*
- Sue Landrum Pace, B.A., Midwestern University, 1952; M.A., University of Denver, 1956. Speech. *A Genetic and Clinical Study of a Group of Children with Psycholinguistic Learning Disorders.*
- Dominic George Parisi, A.B., University of Chicago, 1946; M.B.A., 1948. Business. *The Impact of a Change in Information Technology on Management Organization, Decision Making, and Interpersonal Relations in a Large Insurance Company.*
- Anibhai S. Patel, B.E.E., University of Baroda (India), 1960; M.S., Purdue University, 1963. Electrical Engineering. *Temporal and Spatial Resolution of the Human Foveal Visual System.*
- Wilma Jane Pesavento, B.S., University of Illinois, 1949; M.A., Northwestern University, 1958. Education. *A Historical Study of the Development of Physical Education in the Chicago High Schools, 1860 to 1965.*
- Robert O. Petersen, B.A., St. Olaf College, 1959. Pathology. *Nucleic Acid and Protein Synthesis in Cardiac Muscle of Growing and Adult Mice.*
- Richard A. Potts, B.A., Hiram College, 1962. Chemistry. *Mercury (I) Complexes.*
- William Halbert Pound, B.S., Montana State College, 1960; M.B.A., University of California, 1962. Industrial Engineering. *Communication, Evaluation, and the Flow of Ideas in an Industrial Research and Development Laboratory.*
- Sandra Sue Powell, B.A., Northwestern University, 1962; M.A., 1963. Political Science. *Social Structure and Electoral Choice in Chile, 1952-1964: A Study of Social and Political Change.*
- A. LaVonne Prasher, B.S., Northwestern University, 1953; M.A., 1954. English. *A Critical Edition of the First Eight IMAGINARY CONVERSATIONS of Walter Savage Landor.*
- Adam Jan Przeworski, M.Ph., University of Warsaw, 1961. Political Science. *Party System and Economic Development.*

NORTHWESTERN UNIVERSITY

- Marshall D. Rafal, B.Ch.E., The Cooper Union, 1963; M.S., Northwestern University, 1964. Chemical Engineering. *Discrete Dynamic Optimization*.
- Julius Rowan Raper III, A.B., University of North Carolina, 1960; M.A., Duke University, 1962. English. *Ellen Glasgow and Darwinism, 1873-1906*.
- Wilbur Augustus Rapp, B.S., Ohio University, 1960; M.B.A., University of Virginia, 1962. Business. *The Role of Reacquired Common Stock in Financial Management*.
- Robert H. Ratcliffe, B.S., Loyola University, 1956; M.A., DePaul University, 1959. Education. *A Critical Analysis of the Treatments Given Representative Social Science Ideas in Leading Eleventh Grade American History Textbooks*.
- James J. Rechtiem, B.S., Purdue University, 1960; M.S., Northwestern University, 1962. Materials Science. *The Optical Properties of 8-Phase NiAl*.
- Michael Connolly Reynolds, B.A., Amherst College, 1952; M.A., Stanford University, 1955. History. *Paul Painlevé and the Parliamentary Crisis in France in 1917*.
- Paul O. Roberts, Jr., B.S., A & M College of Texas, 1955; S.M., Massachusetts Institute of Technology, 1957. Civil Engineering. *Transport Planning: Models for Developing Countries*.
- Walter Harrison Rockenstein, A.B., Marietta College, 1940; S.T.B., Western Theological Seminary, 1945; S.T.M., 1948. Speech. *Children and Religious Television*.
- Richard Martin Rozelle, B.S., University of Wisconsin, 1962; M.S., Northwestern University, 1965. Psychology. *Learning Evaluative Responses: An Attempt to Experimentally Demonstrate a Learning Theory Interpretation of Attitude Change*.
- Charles Pierce Ruch, A.B., College of Wooster, 1959; M.A., Northwestern University, 1960. Education. *Factors Associated with the Stability of College Choice*.
- Harry R. Rymer, B.S., Northwestern University, 1955; M.S., 1963. Astronomy. *Harmonic Analysis and Almost Periodic Functions*.
- Alfred R. Saez, B.A., Concordia Seminary, 1940; M.A., University of Wisconsin, 1955. Romance Languages. *La Influencia de la Biblia en las Novelas de Galdós*.
- Stephen Louis Sass, B.Ch., City College of New York, 1961. Materials Science. *Precipitation Studies in a Ni-Ti Alloy*.
- Victor Barry Schneider, B.S., Massachusetts Institute of Technology, 1962; M.S., Stanford University, 1963. Industrial Engineering. *Pushdown-Store Processors of Context-Free Languages*.
- Roger Glenn Schroeder, B.S., University of Minnesota, 1962; M.S., 1963. Industrial Engineering. *Mathematical Models of Antisubmarine Tactics*.
- Robert Vincent Serauskas, B.S., Loyola University, 1961. Chemistry. *Chemical Kinetics as a Relaxation Process in a Multilevel System*.
- William Burns Shaw, B.A., Northwestern University, 1961; M.A.T., 1963. Education. *Education as a Human Right: The Analysis of an Emerging Concept*.
- Bernard A. Sherman, B.A., Roosevelt University, 1951; M.A., Northwestern University, 1953. English. *The Fictive Jew: Jewish-American Educational Novel, 1916-1964*.
- Kenneth Earl Shewmaker, B.S., Concordia Teachers College, 1960; M.A., University of California, 1961. History. *Persuading Encounter: American Reporters and Chinese Communists, 1927-1945*.
- Edwin Barry Silverman, B.S., Purdue University, 1959; M.A., Northwestern University, 1961. English. *Poetic Synthesis in ADONAI*.
- David C. Smith, A.B., State College of Iowa, 1954; M.A., 1958. Education. *Relationships between External Variables and the Organizational Climate Description Questionnaire*.
- Patricia A. Smith, B.S., Carson-Newman College, 1958. Biology. *Studies on FUSED, a Mutant Gene Producing Ovarian Tumors in DROSOPHILA MELANOGASTER*.
- Jack E. Snell, B.S., Princeton University, 1957; M.S., Northwestern University, 1964. Civil Engineering. *A Framework for the Analysis of Urban Transportation Research*.
- Floyd John Stachowski, Ph.B., Marquette University, 1947; M.A., 1949. History. *The Political Career of Daniel W. Hoan*.
- Nathaniel Stampfer, B.S., Loyola University, 1961; M.A., Northwestern University, 1962. Education. *A Study of Map Skills Attainment in Selected Middle Grades*.

ONE HUNDRED AND EIGHTH COMMENCEMENT

- Larry E. Stanfel, B.S., Illinois Institute of Technology, 1962; M.S., Northwestern University, 1965. Industrial Engineering. *Synchronizing Properties of Variable-Length Encodings.*
- Robert Neal Stiles, B.S., University of Missouri, 1959; M.A., 1963. Physiology. *Mechanical Factors in Human Tremor Frequency.*
- James King Stoops, B.S., Duke University, 1960. Chemistry. *Kinetic Study of Certain Acetylcholinesterase-catalyzed Reactions.*
- Theodore Andrew Struve, B.S., Northwestern University, 1957; M.S., 1964. Industrial Engineering. *Capital Programming.*
- Martin Charles Tangora, B.S., California Institute of Technology, 1957; M.S., Northwestern University, 1958. Mathematics. *On the Cohomology of the Steenrod Algebra.*
- Kenneth Floyd Tempero, B.Sc., University of Nebraska, 1961; M.S., Northwestern University, 1964. Pharmacology. *Effects of Ro 5-5340, Pentobarbital, Pentobarbital and Hypoxia, and Ro 5-5340 in the Presence of Pentobarbital and Hypoxia on the Intermediary Metabolism of Glucose in Rabbit Heart.*
- Maung Thein, B.Sc., University of Rangoon (Burma), 1958; M.S., Northwestern University, 1963. Geology. *A Petrological Study of the Upper Cambrian Rocks in Parts of Wisconsin and Minnesota.*
- William Eugene Trantham, B.S., Southwest Missouri State College, 1951; M.M., Northwestern University, 1955. Music. *A Music Theory Approach to Beginning Piano Instruction for the College Music Major.*
- John Clifton Trimble, B.A., David Lipscomb College, 1950; M.A., Northwestern University, 1952. Speech. *The Rhetorical Theory and Practice of John W. McGarvey.*
- Victor Chikezie Uchendu, B.Sc., University of Ibadan (Nigeria), 1962; M.A., Northwestern University, 1963. Anthropology. *Seasonal Agricultural Labor among the Navaho Indians: A Study in Socio-economic Transition.*
- Joel Unowsky, B.A., University of Minnesota, 1961. Microbiology. *Studies on the Mechanism of Action of the Resistance Transfer Factor, an Episome Mediating Drug Resistance in the Enterobacteriaceae.*
- Glen Lee Urban, B.S., University of Wisconsin, 1963; M.B.A., 1964. Business. *A Quantitative Model of Product Planning with Special Emphasis on Product Interdependency.*
- Dirk T. Van Alstyne, B.E., Yale University, 1955; M.B.A., Northwestern University, 1957. Business. *Models of Option Writer Portfolios.*
- Leo F. Van Hoey, Eq. of M.A., University of Neuchatel (Switzerland), 1960. Sociology. *Emergent Urbanization: Implications of the Theory of Social Scale Verified in Niger, West Africa.*
- William Paul Wallace, B.S., Redlands University, 1962; M.A., Northwestern University, 1964. Psychology. *False Recognition Produced by Implicit Associative Responses in Intentional and Incidental Learning.*
- James Hackett Walton, A.B., University of Notre Dame, 1959; M.A., Northwestern University, 1960. English. *The Backgrounds of THE SECRET AGENT by Joseph Conrad: A Biographical and Critical Study.*
- Kung-Chi Wang, B.S., National Taiwan University, 1960; M.S., Northwestern University, 1964. Electrical Engineering. *On the Linearity of Sequential Machines.*
- Raymond Leonard Warpeha, B.S., University of Minnesota, 1956; D.D.S., 1958; M.D., Northwestern University, 1965. Anatomy. *Blood Vessel Wall and Pattern Changes in the Upper Limb of the Human Embryo and Fetus during the First Five Months of Gestation.*
- Melvin L. Wasserman, B.S., The Cooper Union, 1961; M.S., Northwestern University, 1962. Chemical Engineering. *Free Surface Problems.*
- A. Wayne Wiens, A.B., Bethel College, 1958; A.M., University of Kansas, 1960. Biology. *Aspects of Hormonal and Metabolic Regulation of Carbohydrate Metabolism in the Insects HYALOPHORA CECROPIA and LEUCOPHAES MADERAE.*
- Donald Stuart Williamson, B.A., Queens University (Ireland), 1957; B.A., 1959; J.B.D., Edgehill Theological College (Ireland), 1959. Religion. *Selective Inhibition of Aggression by Church Members in a Local Church Situation.*
- Thomas Creighton Willis, B.M., Northwestern University, 1949. Music. *Music in Orchestra Hall.*

NORTHWESTERN UNIVERSITY

- Jacqueline L. Willrich, Bachelor's equivalent, University of Geneva (Switzerland), 1956; M.A., Northwestern University, 1960. Romance Languages. *Jules Janin et son temps d'après des lettres inédites.*
- Thomas Edward Wirkus, B.S., Wisconsin State College, 1956; M.S., University of Wisconsin, 1959. Speech. *Gladys Louise Borchers—Speech Educator.*
- Gordon Wood, B.S. in Ed., Northern Illinois University, 1961; M.A., 1963. Psychology. *Mnemonic Systems in Recall.*
- James David Wray, B.S., University of New Mexico, 1959; M.S., University of Cincinnati, 1962. Astronomy. *A Study of Ho-Emission Objects in the Southern Milky Way.*
- Joseph Simon Zelasko, B.S., University of Notre Dame, 1961; M.S., Northwestern University, 1963. Civil Engineering. *An Investigation of the Influences of Particle Size, Size Gradation, and Particle Shape on the Shear Strength and Packing Behavior of Quartziferous Sands.*

DOCTOR OF EDUCATION

- Marita T. Hogan, B.A., St. Xavier College, 1936; M.A., DePaul University, 1949; M.A., Northwestern University, 1956. Education. *The Image of the Chicago Public Schools in Five Daily Newspapers.*

MASTER OF ARTS

- Carole Nancy Adler, B.A., University of Michigan, 1962. Speech.
- Rachel Ita Adler, B.A., Northwestern University, 1965. English.
- Lorenz William Aggens, B.S., Northwestern University, 1952. Education.
- Wilbert Harrell Ahern, A.B., Oberlin College, 1963. History.
- Noriko Akiyoshi, B.A., National College of Education, 1964. Speech.
- Ronald G. Alexander, B.S., Midland College, 1959; B.D., Lutheran School of Theology, 1963. Philosophy.
- Margaret Dawson Alkire, B.S., University of Wisconsin, 1958. Education.
- Winston A. Alnot, B.A., Lake Forest College, 1964. Anthropology.
- Richard A. Andrews, B.A., DePaul University, 1963. History.
- Rochelle Ann Appel, B.S., Northwestern University, 1958. History.
- Eric Jonathan Artzt, A.B., The Johns Hopkins University, 1963. Psychology.
- Paul J. Asciolla, B.A., Providence College, 1955. Speech.
- Karen Sue Baker, B.S., Northwestern University, 1965. Speech.
- Carl A. Barth, B.A., University of Nebraska, 1960. Education.
- Donald L. Battenberg, B.S., University of Wisconsin, 1956. Education.
- Martha Milnor Bauer, B.A., Northwestern University, 1963. English.
- Elizabeth Robinson Becker, B.S., Wellesley College, 1961. English.
- Peter Mark Becker, B.S. in Ed., Concordia Teachers College, 1962. Sociology.
- Linda Ann Bell, B.S., Emory University, 1962. Philosophy.
- Eileen Sandra Berke, B.Ed., National College of Education, 1963. Education.
- Douglas A. Bernstein, B.S., University of Pittsburgh, 1964. Psychology.
- Barbara Anne Berrean, B.A., DePaul University, 1955. Education.
- Adelaide Bianchi, B.A., St. Olaf College, 1965. Classics.
- Daniel W. Bickel, B.A., University of Minnesota, 1964. Speech.
- Betty Jean Bingham, B.A., Beloit College, 1953. Education.
- Martha Frame Bishop, B.A., Northwestern University, 1963. Education.
- Janice Lee Black, B.S. in Ed., Bowling Green State University, 1962. Religion.
- Roderic Hall Blackburn, B.A., Cornell University, 1964. Anthropology.
- Gerald Aaron Blechman, B.A., Wayne State University, 1963. Psychology.
- Marilynn L. Bolt, B.A., North Park College, 1963. Psychology.
- Gerald Paul Bradley, B.A., La Salle College, 1959. Philosophy.
- Joseph Alexander Brittain, Jr., B.A., University of the South, 1963. English.
- Sima Doreen Browne, B.S., University of Illinois, 1959. Education.
- Gordon F. Browning, B.A., Macalester College, 1965. Romance Languages.
- Ann C. Bugliani, A.B., DePaul University, 1964. Romance Languages.

ONE HUNDRED AND EIGHTH COMMENCEMENT

- Hazel Patricia Byrd, B.A., Huntingdon College, 1965. English.
 Robert E. Bystrom, B.A., Hamline University, 1961; B.D., Garrett Theological Seminary, 1964. Religion.
 Kathleen Marie Cahill, B.A., Mount Mary College, 1965. Classics.
 Richard F. Campolucci, A.B., University of Notre Dame, 1965. English.
 Ruth Ann Carlson, B.A., DePauw University, 1960. Education.
 Robert Lee Carvill, B.A., Gordon College, 1965. English.
 Frank Allen Cassell, B.A., Wabash College, 1963. History.
 Haralambos John Chrysopoulos, B.A., University of Redlands, 1963. Economics.
 Sarah Meyer Clark, B.A., Lawrence College, 1962. English.
 Robert Brady Cochran, B.S., Northwestern University, 1965. English.
 Sheldon Marc Cohen, B.A., Queens College, 1964. Philosophy.
 Phyllis E. Conner, B.A., The Ohio State University, 1941. Speech.
 Nancy Scott Cooke, B.A., University of Kentucky, 1962. Psychology.
 Elaine H. Cooper, B.A., Northwestern University, 1963. Psychology.
 Richard William Croy, B.A., Wabash College, 1965. German.
 Ineke K. Cunningham, B.A., LaVerne College, 1963. Sociology.
 James Campbell Curtis, B.A., Carleton College, 1959. History.
 Rodger Millard Dalston, B.A., Cornell University, 1964. Speech.
 Gerald Lee Daniels, B.A., University of New Hampshire, 1964. Speech.
 Susan Dye Dillard, B.A., University of Kentucky, 1961. Education.
 Betty Jane Diskant, B.Ed., Chicago Teachers College, 1964. Romance Languages.
 Sue Warrick Doederlein, A.B., DePauw University, 1964. English.
 Arlan Paul Dohrenburg, A.B., Franklin and Marshall College, 1948. Speech.
 Allan Charles Dooley, B.S., Wabash College, 1965. English.
 Ulysses S. Doss, Jr., B.A., Ripon College, 1957; B.D., Garrett Theological Seminary, 1961. Religion.
 Belinda Fischer Drass, A.B., Rutgers University, 1961. Sociology.
 Robert Edward Drass, Jr., B.A., University of Delaware, 1959. Sociology.
 Thomas Edward Dubis, B.A., Northwestern University, 1962. History.
 Anthony Gary Dworkin, A.B., Occidental College, 1964. Sociology.
 Christopher Paul Ehret, B.A., University of Redlands, 1963. History.
 Roy Owen Elveton, B.A., St. Olaf College, 1961. Philosophy.
 Sondra D. Fargo, B.A., Northwestern University, 1964. English.
 Robert B. Feinberg, B.A., Northwestern University, 1964. Mathematics.
 Rhoda Feldman, B.A., University of Michigan, 1960. English.
 Michael Collins Finley, B.A., David Lipscomb College, 1965. History.
 Barbara Elaine Flom, B.S., Northwestern University, 1965. Speech.
 Royce E. Flood, B.A., University of Maine, 1964. Speech.
 Madeleine Marie Frechette, B.A., St. Joseph's College, 1964. Speech.
 Barbara Phyllis Fremond, B.Ed., Illinois Teachers College, 1962. Education.
 Susan Levine Fuhrman, B.A., Northwestern University, 1965. History.
 Carolyn Bernice Giannotti, B.A., Sacramento State College, 1965. English.
 Eugene Hendrix Glassman, B.A., Seattle Pacific College, 1945; Th.M., Dallas Theological Seminary, 1947. Linguistics.
 Ronald Richard Gonella, B.A., St. John's University, 1964. History.
 William John Gorfine, B.S., Queen's College (Australia), 1955; B.D., Garrett Theological Seminary, 1965. Religion.
 Kay Celelia Grossman, B.A., Tulane University, 1965. Romance Languages.
 Helen Gruhn, B.A., Hunter College, 1943. Education.
 Archana Guha, B.T., Calcutta University (India), 1953; M.A., 1955. Education.
 Diane Louise Gustafson, B.A., Northwestern University, 1963. Education.
 Karl E. Gwiasda, B.A., Butler University, 1964. English.
 Marcia Marie Hammar, B.A., North Park College, 1965. English.
 Harold Lloyd Hancock, B.S., Illinois State University, 1962. Speech.
 Marianne Stevenson Harper, Ph.B., University of Chicago, 1933. Art.
 Paulette V. Hatmaker, B.A., Elmhurst College, 1965. Romance Languages.
 Lawrence George Havens, B.S., Northwestern University, 1965. Speech.
 Elizabeth Chatterton Hershey, B.A., Northwestern University, 1959. Sociology.
 Jennie-Keith Hill, B.A., Pomona College, 1964. Anthropology.
 Selby Thembekani Hlatshwayo, B.A., University of Denver, 1965. History.
 Mary Gail Hobbs, B.F.A., Stephens College, 1963. Speech.

NORTHWESTERN UNIVERSITY

- Susan Ruth Holzapfel, B.A., DePauw University, 1965. German.
 Robert Landers Hoyt, B.S., Northwestern University, 1963. Education.
 Dorothy Ruth Hubbard, B.A., Millsaps College, 1951. Religion.
 Barbara Caroline Hunter, B.A., Northwestern University, 1964. English.
 Warren J. Ingersoll, B.A., Boston College, 1964. German.
 Gerard Alexander Jarbigian, B.S., Loyola University, 1964. History.
 Anne Dearborn Jenkin, B.A., Lake Forest College, 1962. English.
 Douglas Dale Johnson, B.A., Rice University, 1964. Philosophy.
 Douglas M. A. Johnson, B.A., Jarvis Christian College, 1963; B.A., George Peabody College, 1964. English.
 Richard Colles Johnson, B.A., Yale University, 1961; M.A., University of Michigan, 1963. English.
 George Hewett Joiner, Jr., B.A., Emory University, 1963. History.
 Karol Sue Katz, B.S., Northwestern University, 1965. Speech.
 John Joseph Keane, B.A., Chicago Teachers College North, 1964. History.
 James Calvin Keet, B.A., University of Virginia, 1964. English.
 Marjorie Miriam Kelly, B.S. in Ed., DePaul University, 1949. Education.
 Thomas Wayne King, B.A., University of Texas, 1964. Philosophy.
 Ann H. Kirschberg, B.A., Vassar College, 1964. Mathematics.
 Bradley Wade Kline, B.A., Greenville College, 1964. History and Literature of Religions.
 Jean Helene Kokes, B.A., University of Michigan, 1965. Education.
 Nii Amon Kotei, B.A., University of London, 1954. Linguistics.
 Lorita Smith Langley, B.A., Beloit College, 1940. Education.
 James Franklin Ledbetter, B.A., Washington and Lee University, 1965. English.
 Patsy Elizabeth Lee, B.A., Carleton College, 1964. Speech.
 Maurice Lev, B.S., New York University, 1930; M.D., Creighton University, 1934. Philosophy.
 Sandra Matthews Levin, B.S., Northwestern University, 1962. Speech.
 James Phillip Levine, B.A., Northwestern University, 1963. Political Science.
 Sylvia Hays Levison, B.A., Roosevelt University, 1964. Art.
 Barbara Caroline Lewis, B.A., Smith College, 1964. Political Science.
 Rose Michael Lewis, B.S., Northwestern University, 1963. English.
 Margery Livingston, B.A., Northwestern University, 1959. English.
 Diana E. LoCastro, B.A., St. Lawrence University, 1965. English.
 Maxine Elinor Loken, B.A., St. Olaf College, 1962. English.
 James Douglas Loy, B.S., University of Tennessee, 1965. Anthropology.
 Ulf-Christer Ernstson Lundberg, B.A., The American University, 1964. History and Literature of Religions.
 Peter Trueblood Maiken, B.A., Beloit College, 1955. History.
 Mary Joan Malinoski, B.A., Bradley University, 1962. Speech.
 Louise Evelyn Malopy, B.A., De Paul University, 1963. English.
 Lewis Mandell, B.A., City College of New York, 1964. Economics.
 Hannah L. Marshall, B.A., University of California, 1961. Sociology.
 Carl Edward Martin, B.A., Southwestern College, 1960; B.D., Garrett Theological Seminary, 1963. Religion.
 Teresa Ann McAllister, B.A., Rosary Hill College, 1965. Linguistics.
 Jerry Dan McCoy, B.A., DePauw University, 1963. History.
 Nina Catherine McFarland, B.S., Northwestern University, 1965. Education.
 Fredrick F. McGlynn, B.A., University of Montana, 1963. Philosophy.
 Lachlan McGregor, B.Comm., University of Melbourne (Australia), 1957. Economics.
 Morland John McMurphy, Jr., B.A., Harvard University, 1963. Philosophy.
 John Adrian Mead, B.A., Tulane University, 1962. Anthropology.
 Mary Alice Meyer, B.A., Northwestern University, 1963. English.
 Ethelyn L. Migliore, B.S., Indiana State College, 1944. Education.
 Elizabeth Hoffmann Miller, B.S., University of Wisconsin, 1960. History.
 Kenneth F. Morgan, B.A., University of Maine, 1963. History.
 Joyce Chizuko Morishita, B.A., Northwestern University, 1965. Art.
 Joel Morkan, A.B., Fordham College, 1964. English.
 Edith Fienning Morris, B.A., University of Michigan, 1963. English.
 Kermit W. Moyer II, B.A., Northwestern University, 1965. English.

ONE HUNDRED AND EIGHTH COMMENCEMENT

June Matthes Muckle, B.A., Lake Forest College, 1961. Education.
 Robert Kirkland Musil, B.A., Yale University, 1964. English.
 John Graham Myers, B.S.F., University of British Columbia, 1954; M.B.A., University of Western Ontario, 1958. Sociology.
 Ronald Heinz-Dieter Nabrotzky, B.S., University of Utah, 1965. German.
 Jane Baron Nardin, B.A., New York University, 1964. History.
 Terry Warren Nardin, B.A., New York University, 1963. Political Science.
 Carl A. Neumann, B.A., University of Wisconsin, 1964. Economics.
 Elaine Nygard Nyquist, B.A., North Park College, 1960. English.
 William McAlston O'Barr, B.A., Emory University, 1964. Anthropology.
 Robert D. O'Keefe, B.A., Roosevelt University, 1963. Psychology.
 George Benjamin Oliver, B.A., University of Texas, 1960. Philosophy.
 Gloria P. Olsen, A.B., Stanford University, 1964. Psychology.
 Martha Mary O'Malley, A.B., Ohio University, 1964. Classics.
 Margaret Thornton Park, B.M.E., Nebraska Wesleyan University, 1931. Religion.
 Miles L. Patterson, B.S., Loyola University, 1964. Psychology.
 Norma Perchonock, B.A., Temple University, 1964. Anthropology.
 Carolyn Sue Pereira, B.A., Northwestern University, 1961. Education.
 Elaine Hecht Perlman, B.A., Northwestern University, 1949. Art.
 Carrol Sue Perrino, A.B., Syracuse University, 1963. Psychology.
 Daniel G. Pettee, B.A., Bucknell University, 1965. English.
 Margaret Palmer Potts, B.A., Hiram College, 1959. English.
 Mary Kay Pribyl, B.S., Loyola University, 1964. Psychology.
 Amy Elizabeth Puett, A.B., Duke University, 1959. English.
 Prudence M. Rains, B.A., Lake Forest College, 1962. Sociology.
 George Wiedmayer Ralph, B.A., Stanford University, 1957. Speech.
 Audrey Lois Reynolds, A.B., Southeast Missouri State College, 1965. English.
 Julie Ann Rickard, B.A., Wheaton College, 1964. Romance Languages.
 Stanley Edgar Rickard, B.S., Wheaton College, 1963. Psychology.
 Linda Jean Rinker, B.A., Ohio Wesleyan University, 1965. English.
 Lance Roden Robinson, A.B., Princeton University, 1960. Education.
 Eleanor K. Runquist, B.Ph., Northwestern University, 1961. Education.
 James Barclay Savage, A.B., Princeton University, 1965. English.
 Howard Wayne Schuth, B.S., Northwestern University, 1964. Speech.
 John Nicholas Serio, B.S., State University College at Buffalo, 1965. English.
 Robert D. Shellenberger, A.B., Bluffton College, 1960. Philosophy.
 Joan Sue Shiffman, B.S., Northwestern University, 1964. Speech.
 Linda Ann Silverman, B.S., Northwestern University, 1964. Speech.
 Ronald A. Sims, B.S., Northwestern University, 1954. Speech.
 Allen L. Sinai, B.A., University of Michigan, 1961. Economics.
 Leo Walter Skinner, B.A., University of Notre Dame, 1959. Education.
 Douglas R. Slavin, B.A., University of Buffalo, 1961. Psychology.
 Mary E. Smith, B.S., University of Wisconsin, 1963. Speech.
 Philip Edward Smith II, B.A., Occidental College, 1965. English.
 Alice Walling Snyder, B.A., State University of Iowa, 1944. Speech.
 Molly Lorber Snyder, B.S., Northwestern University, 1965. Speech.
 Dieter K. Sprang-Sabiers, B.A., Northwestern University, 1965. German.
 Barbara Maria Stafford, B.A., Northwestern University, 1964. Art.
 William Vaughan Stapleton, B.A., Yale University, 1961. Sociology.
 Ross Eric Steinhauer, B.S., University of Denver, 1965. English.
 Henry R. Stern, B.A., St. Peter's College, 1964. German.
 Arden Cameron Sundheim, B.Ph., Northwestern University, 1958. Education.
 Hessam Tabaian, B.A., Isfahan University (Iran), 1961. English.
 Renée Cecelia Teichner, B.S., Northwestern University, 1963. Art.
 Charles Richard Thomas, B.S. in Ed., University of Wisconsin, 1957. Education.
 Anne L. Thurman, B.S., Northwestern University, 1940. Speech.
 Dorothy Tisevich, B.Ed., Chicago Teachers College, 1946. Education.
 Judith Ann Transue, B.A., Michigan State University, 1964. Classics.
 Fran S. Turkel, B.A., Brooklyn College, 1964. Romance Languages.
 Delbert LeRoy Unruh, B.A., University of Montana, 1964. Speech.
 Kaia Kersti Vaher, B.A., University of Illinois, 1965. German.
 James Patrick Waldenfels, B.A., Wake Forest College, 1965. Political Science.
 Nancy Norris Walker, B.A., North Texas State University, 1962. Speech.

NORTHWESTERN UNIVERSITY

W. Dean Wallace, Jr., B.A., Trinity College, 1965. History.
 Ruth Kegel Wallish, B.S., Florida State University, 1955. Education.
 Carolyn Weiner, B.A., McGill University, 1964. Speech.
 Ellen Sue Weiner, B.A., Tufts University, 1965. English.
 Sandra Lynn Weiss, B.S., University of Wisconsin, 1961. Speech.
 Jay Alan Wentworth, B.A., Ohio Wesleyan University, 1961; B.D., Chicago Theological Seminary, 1964. English.
 Leo Gene Werneke, B.A., Oklahoma City University, 1964. Philosophy.
 Margo Elizabeth Wesley, B.A., Colby College, 1965. English.
 Blossom Gombiner Wohl, B.A., University of Chicago, 1946. English.
 J. David Wood, A.B., Wheaton College, 1954; B.D., 1958. Religion.
 Christopher B. Zegers, B.A., John Carroll University, 1965. English.

MASTER OF ARTS IN TEACHING

Mary V. Carter, B.A., University of California, 1964. Education.
 Betty Ann Kottas, A.B., Wittenberg University, 1964. Education.
 Barbara Mary May, B.A., Oberlin College, 1964. Education.
 Bonnie Schroth, B.A., University of Wisconsin, 1964. Education.
 Julie Ann Stankrauff, B.A., Monmouth College, 1964. Education.

MASTER OF SCIENCE

Panos Gr. Alexopoulos, B.S., Roosevelt University, 1963. Physics.
 Vera Regina Barata Anand, B.S., University of Para (Brazil), 1961. Civil Engineering.
 C. Richard Antonson, B.S., University of Notre Dame, 1963. Chemical Engineering.
 David Brent Bandy, B.S., University of Illinois, 1964. Chemical Engineering.
 Robert William Barsch, B.S., University of Wisconsin, 1964. Chemical Engineering.
 Cedar Clemens Beel, B.S., Southeast Missouri State College, 1964. Biology.
 George Shigeki Befu, D.D.S., Northwestern University, 1963. Dentistry.
 Barry Lee Benioff, B.S., University of California, 1964. Civil Engineering.
 Daniel E. Benson, B.S., Stanford University, 1962. Civil Engineering.
 Ralph R. Bestock, B.S., Massachusetts Institute of Technology, 1964. Electrical Engineering.
 Nonja Fulsher Bisgard, B.A., Northwestern University, 1964. Chemistry.
 James Carlton Bishop, Jr., D.D.S., Northwestern University, 1961. Dentistry.
 Hollis Anne Bodman, B.A., Denison University, 1964. Biology.
 Douglas Craig Bossen, B.S., Northwestern University, 1964. Electrical Engineering.
 Michael Lee Bradford, B.S., Ohio University, 1964. Chemical Engineering.
 Melvin Brody, B.S., Drexel Institute of Technology, 1962. Materials Science.
 James D. Buch, B.S., Northwestern University, 1963. Materials Science.
 Kirk O. Bunnell, B.S., Stanford University, 1962. Physics.
 Paul David Carmichael, B.S., Northwestern University, 1964. Civil Engineering.
 Jose Jaime Caro V., M.D., National University of Colombia, 1960. Medicine.
 Kent Randall Carson, B.S., Stanford University, 1963. Materials Science.
 Chun-wang Chen, B.S., National Taiwan University, 1957. Electrical Engineering.
 Thaddeus E. Chmielewski, B.M.E., University of Detroit, 1964. Mechanical Engineering.
 Tsu-Wei Chou, B.S., National Taiwan University, 1963. Materials Science.
 Emily J. B. Christian, B.S., University of Illinois, 1945. Biology.
 Robert Ragan Clough, A.B., University of Maryland, 1964. Mathematics.
 Ward James Collis, B.S., Northwestern University, 1963. Biomedical Engineering.
 Douglas W. Coutts, B.A.Sc., University of Waterloo (Canada), 1963. Civil Engineering.
 William Dean Crano, A.B., Princeton University, 1964. Psychology.
 Ray Glenn Crispin, B.S., Allegheny College, 1950; M.S., University of Pittsburgh, 1955. Materials Science.
 Stephen L. Dilts, B.A., University of Illinois, 1962. Pharmacology.

ONE HUNDRED AND EIGHTH COMMENCEMENT

- Panagiotis P. Dimitriou, B.S., National Polytechnic University (Greece), 1959. Civil Engineering.
- Virginia Louise Dow, B.A., Goucher College, 1964. Biology.
- John Philip Dugan, B.S., Pennsylvania Military College, 1964. Mechanical Engineering.
- Helmut Echterhoff-Hammerschmid, Technische Hochschule Graz-Diplom Ingeniour (Austria), 1964. Civil Engineering.
- Marion Lee Edwards, B.S., North Carolina State College, 1964. Electrical Engineering.
- Raymond Henry Ellis, B.S., Swarthmore College, 1964. Civil Engineering.
- D. Jack Elzinga, B.S., University of Washington, 1960. Chemical Engineering.
- Walter T. Feldt, B.E., The Cooper Union, 1964. Mechanical Engineering.
- Christopher Field, B.S., Dalhousie University (Canada), 1964. Mathematics.
- Francois Albert Fine, B.S., Faculté des Science, University of Nancy (France), 1964. Chemical Engineering.
- M. J. Foyster, B.S., University of Durham (England), 1962. Civil Engineering.
- Charles Lawrence Fraust, B.S., The Cooper Union, 1963. Civil Engineering.
- Eran Geller, B.S., Wayne State University, 1963. Biomedical Engineering.
- William F. Goddard, B.S., Antioch College, 1960. Electrical Engineering.
- Edmund Frederick Goedde, B.S., Louisiana State University, 1963. Mechanical Engineering.
- Carl Shoichi Haga, B.A., Northwestern University, 1959; D.D.S., 1964. Dentistry.
- Peter Albert Hampe, B.C.E., Marquette University, 1964. Civil Engineering.
- Terrell James Harris, B.S., University of Illinois, 1965. Industrial Engineering.
- Brian Burkitt Hasell, B.E., University of Canterbury (New Zealand), 1964. Civil Engineering.
- Francis Mel Healy, B. Engr., University College of Dublin, 1963. Electrical Engineering.
- Harold Gordon Hillam, D.D.S., Northwestern University, 1962. Dentistry.
- Gerald L. Howe, D.D.S., University of Michigan, 1961. Dentistry.
- Harold E. Howell, B.S., Northwestern University, 1963. Civil Engineering.
- Hsu Shu-En, B.S., Chinese Naval College of Technology, 1953. Materials Science.
- Duane Frederick Huetter, B.S., University of Wisconsin, 1964. Chemical Engineering.
- Hitoshi Inada, M.S., Tokyo Electrical Engineering College, 1963. Electrical Engineering.
- Solomon Maurice Jacob, B.Ch.E., University of Bombay (India), 1964. Chemical Engineering.
- Marcia Walker Johnson, B.A., Vanderbilt University, 1957. Engineering Sciences.
- Rachel Whitesel Jordan, B.A., DePauw University, 1964. Physics.
- Aloysius G. Juodakis, B.S., University of Illinois, 1961. Electrical Engineering.
- George Willard Kaplan, B.A., University of Texas, 1955; M.D., Northwestern University, 1959. Urology.
- Michael Allen Kass, B.S., Northwestern University, 1963. Physiology.
- Robert Donald Keagy, M.D., Northwestern University, 1952. Orthopedic Surgery.
- Hugo Adam Keim, M.D., Loyola University, 1960. Orthopedic Surgery.
- Andrew Endre Kertesz, B.S., McGill University, 1963. Biomedical Engineering.
- Meyer Klein, D.D.S., University of Pittsburgh, 1962. Dentistry.
- Gerald Wayne Knobloch, B.S., Northwestern University, 1964. Mechanical Engineering.
- Arthur Kohn, B.A., Northwestern University, 1965. Mathematics.
- Michael Gordon Kolifrath, B.S., Illinois Institute of Technology, 1963. Civil Engineering.
- Florence C. Kowalczyk, B.S., Loyola University, 1964. Biology.
- Leonard Kurzweil, B.M.E., The Cooper Union, 1964. Mechanical Engineering.
- Stephen Albert Kwedar, B.A., Northwestern University, 1962. Anatomy.
- Anita Zoe Leibowitz, B.S., in Ed., District of Columbia Teachers College, 1956. Mathematics.
- Daniel Levy, D.D.S., Baltimore College of Dental Surgery, 1962. Dentistry.
- Norman L. Lifshutz, B.Ch.E., The Cooper Union, 1964. Chemical Engineering.
- Klaus Wilhelm Lindenberg, B.S., Loyola College, 1964. Biomedical Engineering.
- Godfrey M. Liu, B.S., Mapau Institute of Technology (Philippines), 1964. Electrical Engineering.

NORTHWESTERN UNIVERSITY

- Ronald William Lodewyck, B.S., Illinois Institute of Technology, 1965. Industrial Engineering.
- Kenneth Paul Lundgren, B.S., Illinois Institute of Technology, 1963. Electrical Engineering.
- Yale George Malkin, D.D.S., University of Washington, 1962. Dentistry.
- Robert Emerson Matlack, D.D.S., The Ohio State University, 1961. Dentistry.
- Dennis J. McCarthy, B.S., University of Illinois, 1964. Industrial Engineering.
- Bonnie Lou Meyen, B.S., Northwestern University, 1964. Electrical Engineering.
- Jane Louise Miller, B.S. in Ed., Illinois State University, 1962. Mathematics.
- Philip Lan-Sheu Moy, B.S., University of Illinois, 1960. Biology.
- Abdul-Jabbar Naoum, B.Sc., Baghdad University (Arabia), 1958. Civil Engineering.
- Daniel Lawrence Ostapko, B.S., Trinity College, 1964. Electrical Engineering.
- Joseph Walter Paciorek, A.B., Boston College, 1964. Mathematics.
- Allan J. Pantle, B.S., Xavier University, 1964. Psychology.
- John David Paynter, B.Ch.E., University of Louisville, 1964. Chemical Engineering.
- Stewart B. Peck, B.S., University of Kentucky, 1964. Biology.
- Elliott Philofsky, B.S., Carnegie Institute of Technology, 1963. Materials Science.
- Ann Schaumburg Plimpton, A.B., Wellesley College, 1964. Biology.
- Bruno Rienteau, B.A.Sc., University of Montreal, 1961; M.S., 1964. Civil Engineering.
- Howard N. Rosen, B.S., University of Maryland, 1964. Chemical Engineering.
- Richard Rosenson, B.Ch.E., The Cooper Union, 1964. Chemical Engineering.
- Ramón Fernando Sárraga, B.S., Boston College, 1964. Physics.
- Robert H. Savage, B.Sc., University of Alberta, 1960; M.Sc., University of Aberdeen (Canada), 1962. Civil Engineering.
- Ronald Franklin Scholl, B.Engr.Sci., University of Texas, 1963. Materials Science.
- George Shea Schuster, A.B., Washington University, 1962. Dentistry.
- Homer Randolph Schwartz, B.E.S., The Johns Hopkins University, 1964. Industrial Engineering.
- James T. Scott, Jr., B.S., Princeton University, 1964. Mechanical Engineering.
- Boonsong Siwamogsatham, B.S., Chulalongkorn University (Thailand), 1961. Physics.
- William F. Stasior, B.S., Northwestern University, 1963. Electrical Engineering.
- Gerald D. Stordal, B.S., University of Minnesota, 1951; D.D.S., 1959. Dentistry.
- Olgerts J. Svilans, B.S., Illinois Institute of Technology, 1964. Electrical Engineering.
- Robert L. Swaim, D.D.S., University of Texas, 1962. Dentistry.
- George Y. Takahashi, D.D.S., Loyola University, 1960. Dentistry.
- Ezra Edward Trull, D.D.S., Northwestern University, 1953. Dentistry.
- Friedrich E. Vetter, Bachelor's equivalent, Free University of Berlin, 1964. Geography.
- Thomas Benjamin Wade, B.S., Northwestern University, 1964. Mechanical Engineering.
- John D. Wagner, B.S., University of Illinois, 1964. Chemical Engineering.
- Harold Myron Waller, B.S., Massachusetts Institute of Technology, 1962. Mechanical Engineering.
- Charles Monroe Walter, B.S., University of Washington, 1960. Materials Science.
- David Joseph Werner, B.S., St. Louis University, 1964. Industrial Engineering.
- Alexander J. H. Winokur, B.S., Loyola University, 1964. Physics.
- Paul Allan Witt, B.S., Illinois Institute of Technology, 1964. Chemical Engineering.
- Norman Kenyon Wood, D.D.S., University of Toronto, 1958. Dentistry.
- Hiroyuki Yamasaki, B.S., Keio University (Japan), 1962. Electrical Engineering.
- Joung Kang Yang, D.D.S., Seoul National University, 1962. Dentistry.
- Earl Cross Young, Jr., Ph.B., University of Chicago, 1949; M.B.A., 1952. Industrial Engineering.
- Helen Zamosciany, B.A., New York University, 1961. Biochemistry.



THE DIPLOMAS

THE COLLEGE OF ARTS AND SCIENCES

Candidates presented by DEAN SIMEON E. LELAND

DIPLOMA IN ARTS AND SCIENCES

George Alchimovics
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Jean Fairtile
Marilynn Lee Henry
Lois V. Messick
Carol Lynn Olson

Kathleen T. Powell
Janet Marie Pressprich
Marjorie Rapala
Mary Catherine Ring
Carol Angela Sawyer
Florie Ann Solin
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Karen Loraine Suelke
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THE SCHOOL OF BUSINESS

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Hampton Squires Braun
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Charles Patrick Gleason
Leonard Arthur Haseman
Lawrence Charles Hodapp, Jr.
Donald Hal Kaley
Edward Aaron Krause
Robert Elmer Laibach
Alfred Wheatcroft Lee
Vincent Joseph Miller

Mathilde Frida Moegle
William Merrick Mueller
Steven Francis Oswald
Stanley Edward Przybylski
Richard Theodore Rathnau
Muriel Frances Reder
John Louis Rehak, Jr.
Marlene Joan Reimer
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Jerome George Santowski
Gerald Vidmont
Robert Albert Zywicki

ONE HUNDRED AND EIGHTH COMMENCEMENT

DIPLOMA IN PROFESSIONAL ACCOUNTING

James Gabriel Debeney
David Leonard Dresser
Gerald Joseph Hartlaub
Robert Francis Hilliard

Ronald Anton Jordan
June Gertrude Ruth
Donald William Ullman

EVANSTON HOSPITAL SCHOOL
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Kathleen Marie Breden
Betty Lou Broms
Maryann Suzanne Daube
Ruth Schwarz Duda
Elaine Solberg Graham
Kristin Laura Hedlund
Virginia Carol Heydenburk
Nancy Jean Jindra
Sharon Martin Jostes
Audrey Elaine Keisler

Leslee Doubek Lamp
April Kathleen Land
Carol Ann Parsons
Linda Kay Perley
Janice Mayer Petersen
Reyna Marie Popp
Mary Margaret Sorensen
Judith Kay Sumerwell
Nancy Kay Tribes
Elizabeth Margaret Truemper
Elizabeth Walek

CHICAGO WESLEY MEMORIAL
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Arlene Adell Arndt
Patricia Arostegui
Anita Marie Barnes
Renee Faith Benson
Barbara Ann Blake
Evamaria J. Fekete Bogner
Merle Esther Breihan
Dorothy Bryan
Kathryn Mary Foley Coster
Constance Cribfield
Barbara Jean Dilli
Anne Paulette Flickinger
Rita Roberta Fortunato
Linda Lee Gaertner
Joanne Hazel Garren
Donna Elaine Gentile
Linda Shaw Goehring
Donna Maria Gonano

Bette Sue Hassler
Susan Kurzwinski Heidenreich
Esther Dea Johansen
Margaret Marie Johnsen
Laurel Anne Kelley
Linda Sue Osborn Knip
Suellyn Marie Kozlowski
Marlene Dawn LeVine
Kristin Margaret Loll
Paula Charlene Lynes
Nancy Jean Lytle
Karen Cynthia Frykman Mangus
Eleni Maria Manolis
Natividad Ayako Matsuda
Diane Augusta Beich McCall
Carol Ann Latham McMahon
Kay Elizabeth Moore
Patricia Eileen Murphy

NORTHWESTERN UNIVERSITY

Mary Ann Kizis Nave
Patricia Lee Novotny
Anne Renee Reynolds Ochsner
Kathleen Elaine O'Hare
Beverly Ann Palmatary
Kay Lea Palmer
Catherine Frances Phillips
Ruth Frances Stogdell Plackner
Kathleen Agnes Rosemark
Dora Margaret See Salins
Ellen Jane Schnute
Carrol Lynn Schultz
Phyllis Bernice Semsch
Rachel Diana Shaw

Sharon Eileen Stanton
Patricia Anne Stark
Bernita Kay Swabsky
Nancy Jean Swanson
Mary Ellen Thomsen
Diana Lea Tillinghast
Susan Frances Valbracht
Sandra Faith Van Dam
Starr Darlene Vavrinek
Sue Ann von der Heydt
Frances Margaret Walker
Jeanne Masaye Watanuki
Luree Irene Watson
Judith Kay Wehrmann

PASSAVANT MEMORIAL HOSPITAL
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OF NURSING

Candidates presented by DIRECTOR EVELYN E. NICHOLSON

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Kathleen Anstine
Bonnie Ann Bates
Leslie Ellen Baughn
Nancy Ann Brummitt
Diane Czyz
Margaret Irene Delaney
Karen Sue Detwiler
Judith Anne Doering
Beverly Ann Farmer
Barbara Georgans
Isadora Greenfield
Kathy Grima Halper
Jo Anne Knowski
Sylvia Estelle Kowaleski
Carol Rumold Lakin
Mary Lorraine Mackoviak

Maurene Meyer Mead
Martha Alice Orr
Sandra Jean Orre
Linda Carol Powless
Pamela Vanderford Prickett
Judith Ellen Rosen
Jane Lynne Rosenthal
Sandra Ann Shaw
Susan Hetherington Smith
Judith Mary Sullivan
Carole Susan Terwell
Janet Sue Thomas
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George W. Curtiss
Mohamed Daib
George J. DePaul
John T. Duggan
Morgan T. Elkins, Jr.
Mohamed M. M. El-Sayed
Hugh P. Ennis
Vincent Fiorani
Grover W. Garrison
Zouari Habib
Jesse E. Harris
Tony Ingargiola
Gerald R. Kittridge
Howard A. Knight
Newell G. Knight
Robert L. Knight

Leonard T. Koper
Robert W. Landon
Albert J. Lapshan
George J. Lazorik, Jr.
Talmadge B. Leach
Dennis J. Love
Everett C. McDonald, Jr.
Erskine C. Moore
Richard B. Murphey
Dilshad Najmuddin
William J. Nicholl
Stanley J. Panek
Guy T. Piercey
Robert J. Plummer
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Arthur A. Rinta
Donald W. Roseman
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Jerry F. Simmons
William L. Spence, Jr.
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Gilbert G. Tuttle
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Joan Marie Halvorsen
Robert Louis Rosi

*David Wolf Ruttenberg
Dennis Patrick Ryan
Lois Boberski Ryan

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DOCTOR OF DENTAL SURGERY

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Steven Ronald Natanson
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Gary Merle Taylor
Frederick Wenck, Jr.
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Leslie Philip Zurawic

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Dorothy Marlene Keeley Haag
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Frada Weissman
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Summer Session 1965

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James Edward Collins
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Sue Mary Drymalski
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**Arthur Carl Holmberg
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Jeffrey Hoyt Jones

Shula Avni Lubet
Clark Whitney Luikart
Ronald Scott Mangum
John Francis Ormsby
Lawrence Edwin Peterson
Barbara Ann Radd
William Charles Rau
Linda Bobbi Riback
Phyllis Shapiro
Michael John Strieby
Wayne John Szuberla
Thomas Lawrence Thomas
Anthony Sharp Walters, Jr.
Linda Jeanne Whitehill
Carol Lynn Griggs Whitehurst

**With distinction*

***With highest distinction*

ONE HUNDRED AND EIGHTH COMMENCEMENT

BACHELOR OF PHILOSOPHY

Marilynn Binda
Arthur John Borkowski
Marilyn Antonio De Pano
Ruth Marie Jacobs
William Edward Levin

William Warren Martz
Louella Marie McGlothlin
Beatrice Saxon
Bernard Samuel Schwartz

BACHELOR OF SCIENCE IN GENERAL EDUCATION

Norman Rosenthal

Virginia Santoro

DOCTOR OF JURIDICAL SCIENCE

Satyanarjan Purushottam Sathe, LL.M., Law College, Poona, India, 1957. *The Role of the Supreme Court as Protector of Fundamental Rights: A Comparative Analysis of the Nature, Scope, and Techniques of Judicial Review in India and in the United States.*

MASTER OF LAWS

Vicente Tordilla Bonot, LL.B., Lyceum of the Philippines, 1954.
Bruce Robert Jacob, LL.B., Stuetson University, College of Law, 1959.
James Michael Roberts, LL.B., University of Wyoming, 1963.
Ved Prakash Verma, LL.M., Law Faculty, Delhi University, 1956.

JURIS DOCTOR

Larry Swift Connell
Peter Andrew Fasseas

Richard Lee Peters
Robert Edward Peters

BACHELOR OF SCIENCE IN SPEECH

David Sidney Acoma
Michael Edward Bethke
Erwin Frank Beyer, Jr.
Diane Elizabeth Boukidis
Judith Lynne Chelle

Frank Joseph Galati, Jr.
Nadine Rogers Jentz
Eugenia Ann Macer
Barbara Medwin Shaw
Marjorie Timms Williams

DOCTOR OF MUSIC

With Titles of Compositions and Projects

Joseph Lenough Anderson, B.M., Oberlin College, 1952; M.M., 1954. *Registration in French Organ Music of the Baroque Era; An Analysis of Forms in the Organ Works of César Franck; A List of Concerted Organ Literature since 1900 by American Composers.*
Herbert Maurice Gotsch, B.S. in Education, Concordia Teachers College (Illinois), 1948; M.M., Northwestern University, 1958. *Johann Sebastian Bach Clavieruebung: Part Three; A Study of the Orgelbewegung and the Organ Music of Two of Its Contemporaries; The Function of the Organ in the Sixteenth Century Lutheran Services and the Sources for Its Music.*
Daniel Eugene Scott, B.M., Indiana University, 1956; M.M., 1957. *A Survey of the Romantic German Art Ballad; The Rake's Progress: A Study of the Interrelation of Music and Drama; An Edition of Cantatas for the Bass Voice by Alessandro Scarlatti.*

NORTHWESTERN UNIVERSITY

MASTER OF MUSIC

Dennis Lee Bowen, B.M.E., Northwestern University, 1960.
Jerilyn Lee Cady, B.A., Augustana College, 1963.
Dorothy Cheung, B.M., North Park College, 1964.
Janet Elaine Copland, B.M., MacMurray College, 1960.
Joan Marie Donovan, B.S., Indiana State College (Pa.), 1957.
Charles William Douglass, B.S., University of Illinois, 1960.
John Calvin Fischer, B.M.E., Northwestern University, 1964.
Robert Jonathan Folsom, B.A., Roosevelt University, 1961.
James Allen Garrett, B.S. in Ed., Tennessee Polytechnic Institute, 1959.
Virginia Mae Bailey Giddens, B.M., North Texas State University, 1951.
Julia Baldi Goldberg, B.M.E., Northwestern University, 1964.
William David Hautt, B.M.E., Houghton College, 1964.
Dallas Edwin Heenan, B.M., Murray State College, 1964.
Sherman Hong, B.M.E., University of Southern Mississippi, 1964.
John Innes, B.M., Wheaton College, 1963.
James Charles Kidd, B.A., Williams College, 1963.
Marvin Harold Koch, B.S., Wisconsin State College, 1955.
Susan Marie Lindquist, B.A., University of Washington, 1962.
Frank Erman Liston, B.A., Luther College, 1961.
Alfred Everett Lunde, B.A., Western Washington College, 1953.
Duane Clare Lundeen, B.S., University of Illinois, 1962.
James Joseph Machan, B.S., University of Wisconsin (Milwaukee), 1962.
Grant Duane McDowell, B.M.E., Northwestern University, 1963.
Letitia Ann McGoogan, B.M.E., Greensboro College, 1963.
Gilbert Wayne Mead, B.M., American Conservatory of Music, 1962.
Doris Lucille Nichols, B.M.E., Jackson State College, 1961.
Richard Samuel Parks, B.M., Baldwin-Wallace College, 1964.
Joseph Ritchie, B.M., Greensboro College, 1964.
Sister Ellen Marie Ryan, R.S.M., B.A., St. Francis Xavier College, 1960.
Sister M. Constantia Schlaefel, O.S.F., B.M., Alverno College, 1957.
Margaret Rose Shultz, B.M., Northwestern University, 1963.
Lee James Stocker, B.S. in Ed., Concordia Teachers College, 1964.
Roger Daniel Sullivan, B.M.E., Illinois Wesleyan University, 1962.
Robert George Symmonds, B.M.E., Northwestern University, 1964.
Vanya Wang, B.M.E., Cosmopolitan School of Music, 1962.
Mary Glenda Winkle, B.S. in Ed., Southwest Missouri State College, 1961.
Robert John Young, B.M.E., Northwestern University, 1959.

BACHELOR OF MUSIC

Dorothy Selby Diggs	Geoffrey Barr Lutz
Martha Ann Edwards	Carl George Rieck
Marilyn Cook Grush	

BACHELOR OF MUSIC EDUCATION

Margaret Anne Becker	David Joel Murphy
Gretchen Hentges Field	Michael Joseph Sladek
James Reinhart Gilbertsen	

MASTER OF BUSINESS ADMINISTRATION

James R. Bartell, Jr., B.S.B.A., Montana State University, 1963.
John T. Bonk, B.S.E.E., Northwestern University, 1961.
Randall Dale Bryant, A.B., Indiana University, 1957.
Tom J. Cowley, B.S.B.A., Northwestern University, 1960.
Robert Earl Dahl, B.E.E., Chicago Technical College, 1953; B.M.E., Chicago Technical College, 1960.
Jeffrey Martin Kustal, B.E.E., Pratt Institute, 1962.
Philip Lane Ladewig, B.B.A., Southern Methodist University, 1964.
Richard Anthony Shantz, B.E.E., Marquette University, 1957.
Lorraine Woods, B.S., Northwestern University, 1961.

ONE HUNDRED AND EIGHTH COMMENCEMENT

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Stephen Alan Dohrmann	Jerry Law Macha
Lawrence Edward Grelle	Charles Fredrick Pondelik
Daniel Lynn Gustafson	James Irvin Rickard III
James Wright Jordan, Jr.	Patrick Rittenhouse Rodman
John Paul Kelleher	Loren Gary Stern
Michael Morgan Le Coney	Tom Roger Waymire

BACHELOR OF BUSINESS ADMINISTRATION

Gerald Joseph Aleksy	Robert Martin Kionka
Christy Joseph Bellina	Joseph Daniel Mankawich
Donald Richard D'Argento	Wade Francis Robinson
Francis Erdman	Hans Harold Roderich
Gerald Lowell Hitzeman	John Hipp Witte

MASTER OF SCIENCE IN JOURNALISM

Ronald Francis DePaolo, B.A., Moravian College, 1964.
Pauline Benjamin Dubkin, B.A., Bryn Mawr College, 1963.
John Paul Fieg, B.A., University of Notre Dame, 1964.
Carolyn Penny Handler, A.B., Cornell University, 1963.
James Warren Harff, B.S. in Journalism, Northwestern University, 1964.
Bruce Robert Hoegh, B.A., University of Minnesota, 1964.
William Hugh Jones, B.S., University of Wisconsin, 1964.
Joan Ellen Pinkerton, B.A., University of North Carolina, 1961.
William Bowen Rood, Jr., B.A., Northwestern University, 1964.
Ian Welford King Russell, B.A., University of Western Ontario, 1962.
Richard Guy Sublett, B.S. in Journalism, Northwestern University, 1964.
Ward William Wixon, B.A., University of Minnesota, 1964.

BACHELOR OF SCIENCE IN JOURNALISM

Margaret Kate Daly	Nancy Katherine Potts
David Elliott Howard	Robert Luther Ray
Thaddeus Craig Martin	Jerry Robert Salancik
Sharon Leilani Mitchell	Anne Hunt Timmons
Thomas Mark Popson	

BACHELOR OF SCIENCE IN EDUCATION

Diane Krueger Anderson	John Charles McDonald
Elaine Marie Carter	Nina Catherine McFarland
Glenn Vernon Cothorn	Bonnie Holt Minnotte
Robert John Kazmar	Sandra Starrett Neville
Diane Marcus Klein	Joel David Prickett
Constance Marie Krnell	Donald William Robinson
Barbara Ann Madden	Jane Theresa Balen Wright

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Ladislaus R. Mazur

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Douglas Herbert Bell

NORTHWESTERN UNIVERSITY

BACHELOR OF SCIENCE IN SCIENCE ENGINEERING

Floyd S. Myers

DOCTOR OF PHILOSOPHY

- Abdur-Rahman O. Abdun-Nur, B.Sc., American University of Beirut, 1959; M.Sc., 1961. Chemistry. *Base and Acid Initiated Rearrangements*.
- Leon Maurice Aufdemberge, B.A., Baker University, 1951; M.A., Northwestern University, 1954. Speech. *An Analysis of the Dramatic Construction of American Operas on American Themes, 1896-1958*.
- Adrienne Knox Barnwell, B.S., Northwestern University, 1959; M.A., 1962. Psychology. *Potency of Modeling Cues in Imitation and Vicarious Reinforcement Situations*.
- Franklin Hershel Barnwell, B.A., Northwestern University, 1959. Biology. *Comparative Studies on Daily and Tidal Rhythms in Fiddler Crabs (Genus Uca) for the Woods Hole Region*.
- Carleton A. Berreckman, B.A., University of Nebraska, 1955; M.A., 1957. Philosophy. *Memory: A Philosophical Study*.
- Victor George Bethune, B.S., University of Wisconsin, 1961. Chemistry. *Hydroxamic Acids Related to Pyridine, Pyrazine and Quinoxaline*.
- Robert Edward Bodenheimer, B.S., University of Tennessee, 1956; M.S., 1958. Electrical Engineering. *Analysis and Design of Pulse Frequency Modulated Control Systems*.
- John Boyd, B.A., University of Toronto, 1956; M.A., Northwestern University, 1957. Speech. *Motor Behavior in Hearing and Deaf Children*.
- Oswald Perry Bronson, B.S., Bethune-Cookman College, 1945; B.D., Gammon Theological Seminary, 1959. Religion. *The Origin and Significance of the Interdenominational Theological Center*.
- Kenneth Lee Brown, B.S., Syracuse University, 1955; M.A., Northwestern University, 1960. Speech. *An Analysis of the Speech and Listening Content of Selected Pupil Textbooks in Language Arts for the Elementary Schools: Grades Three Through Six*.
- William L. Burke, B.J., Northwestern University, 1959; M.A., 1960. Speech. *The Presentation of the American Negro in Hollywood Films, 1946-1961: Analysis of a Selected Sample of Feature Films*.
- William Dolan Claudson, B.M.E., Colorado State University, 1955; M.M., Northwestern University, 1958. Music. *The History of the Crane Department of Music, The State University of New York College at Potsdam, 1884-1964*.
- Noal Cohen, B.S., University of Rochester, 1959. Chemistry. *Part I. Synthesis of a-Methylene- γ -Butyrolactones. Part II. The Structure and Total Synthesis of Alantolactone*.
- Richard M. Cole, A.B., University of New Hampshire, 1952; M.A., Northwestern University, 1958. Speech. *Electrical Stimulation of Paired Muscles as a Diagnostic Test of Handedness*.
- James Harold Crouse II, B.A., College of William and Mary, 1960; M.A., Northwestern University, 1963. Psychology. *Verbal Discrimination Learning and Transfer: The Effects of Conceptual Similarity, Length of Anticipation Interval, and Type of Transfer Paradigm*.
- Narsingh Deo, B.Sc., Patna University (India), 1956; M.S., California Institute of Technology, 1960. Electrical Engineering. *Topological Analysis of Active Networks and Generalization of Hamiltonian Tree*.
- Kenneth Joseph DeWitt, B.S., University of Detroit, 1961; M.S., Northwestern University, 1962. Chemical Engineering. *The Viscosity of Gaseous Mixtures at High Pressures*.
- Roger L. Dominowski, B.A., De Paul University, 1960; M.A., 1963. Psychology. *Anagram Solving as a Function of Bigram Rank and Word Frequency*.
- Victor Charles Dye, B.A., Nebraska Wesleyan University, 1954; S.T.B., Boston University School of Theology, 1957; M.A., Northwestern University, 1960. Education. *A Study of Academically Dropped Students Who Were Readmitted to the University of Illinois*.

ONE HUNDRED AND EIGHTH COMMENCEMENT

- Wayne Irwin Fanta, B.S., Wittenberg College, 1961. Chemistry. *Approaches to the Synthesis of Valeranone.*
- Raymond W. Flumerfelt, B.S., Lamar State College of Technology, 1961; M.S., Northwestern University, 1963. Chemical Engineering. *Non-Fourier Heat Conduction.*
- Robert Roy Frame, B.S., University of Illinois, 1961. Chemistry. *Three Reactions of α -Halocyclohexanones with Nucleophilic Reagents.*
- Howard Frank, B.S., University of Miami, 1962; M.S., Northwestern University, 1964. Electrical Engineering. *On Probabilistic Graphs and Some Applications.*
- Patric Lee Friend, B.S., Northern Michigan College, 1961. Microbiology. *A Study of Bacteriophages Infecting Group A Hemolytic Streptococci.*
- Thomas Barrett Goodkind, B.A., Haverford College, 1955; M.A., New York University, 1958. Education. *A Study of the Impact of the Illinois Curriculum Program upon Local School District Curriculum Operations.*
- Theodore G. Grove, B.A., Washington State University, 1960; M.A., 1962. Speech. *Attitude Convergence in Small Groups.*
- David Lee Guell, B.S., Northwestern University, 1961; M.S., 1962. Civil Engineering. *Center of Dilatation in Joined Elastic Half-Spaces and on the Surface of an Elastic Sphere.*
- Arthur Harris, B.S., University of Illinois, 1956; M.S., Northwestern University, 1958. Physics. *Microcreep in Tin: A Study in the Variation of Microcreep with Impurity Doping.*
- Irene R. Held, B.S., Marquette University, 1955; M.S., Northwestern University, 1962. Biochemistry. *Purine Metabolism in Rat Brain with an Investigation into the Effect of Azaserine.*
- Allen T. Hjelmfelt, B.S., Kansas State University, 1959; M.S., University of Kansas, 1961. Civil Engineering. *Behavior of a Sphere Accelerating in a Viscous Fluid.*
- Richard David Hobson, B.A., Occidental College, 1961; M.S., Northwestern University, 1964. Geology. *An Environmental Study of the Vaqueros Formation, Santa Ynez Mountains, California.*
- Carole Adele Holdsworth, B.A., Elmhurst College, 1958; M.A., Northwestern University, 1959. Romance Languages. *A Study of the REVISTA MODERNA (Mexico, 1893-1903).*
- Edwin Arthur Hollatz, A.B., Bob Jones University, 1952; M.A., Northwestern University, 1955. Speech. *The Development of the Literary Societies in Selected Illinois Colleges in the Nineteenth Century, and Their Role in Speech Training.*
- Yuan-Chung Hung, B.S., Taiwan Provincial Cheng-Kung University, 1953; M.S., University of Texas, 1957. Civil Engineering. *The Elastic Field of an Ellipsoidal Inhomogeneity in an Anisotropic Crystal.*
- Robert Lee Ince, B.S. in Ed., University of Kansas, 1959; M.A., 1963. Speech. *A Study of the Teaching Effectiveness of Three Discussion Forms.*
- Kamal Chandra Jain, B.Sc., Government College (India), 1957; M.S., Northwestern University, 1963. Chemical Engineering. *Self-Sustained Hydrodynamic Oscillations in a Natural Circulation Two-Phase Flow Boiling Loop.*
- Marek Jakubowski, B.Sc., University of London, 1957; M.S., Pennsylvania State University, 1960. Mechanical Engineering. *Perfect Fluid Flow in Turbomachinery of Toroidal Geometry.*
- Gordon L. Johnson, B.A., Carthage College, 1959. Pharmacology. *Cocaine and Anti-histaminic Compounds: Comparison of Effects on Some Cardiovascular Actions of Norepinephrine, Tyramine, and Bretylium.*
- Mary Carolyn Jones, B.S., Louisiana State University, 1955; M.A., 1958. Speech. *An Investigation of Certain Acoustic Parameters of the Crying Vocalization of Young Deaf Children.*
- Ing-Chang Jong, B.S., National Taiwan University, 1961; M.S., South Dakota School of Mines and Technology, 1963. Civil Engineering. *Nonconservative Stability Problems of Damped Structural Systems.*
- Frank C. Kaminsky, B.S., University of Connecticut, 1961; M.S., Northwestern University, 1964. Industrial Engineering. *Contributions to the Theory of Storage in a Fluctuating Market.*
- Titus Marion Karlowicz, Ph.B., Northwestern University, 1957; M.A. 1959. Art. *The Architecture of the World's Columbian Exposition.*
- Lawrence Louise Larmore, B.S., Tulane University, 1961. Mathematics. *On the Classification of Liftings to a $K(G,N)$ Bundle and Oriented Vector Bundles Over a Finite Complex.*

NORTHWESTERN UNIVERSITY

- Fredric Marcus Levine, B.A., College of the City of New York, 1961; M.A., Northwestern University, 1964. Psychology. *The Relationship Between Stimulus-Seeking Behavior and Arousal Level*.
- Laurence A. Lewis, B.A., Antioch College, 1961; M.S., Northwestern University, 1963. Geography. *The Relations of Hydrology and Geomorphology in a Humid Tropical Stream Basin—The Rio Grande De Manati, Puerto Rico*.
- Paul Linder Love, A.B., College of Wooster, 1960; B.D., Louisville Presbyterian Theological Seminary, 1953; M.A., Northwestern University, 1960. English. *The Early Tudor Religious Lyric: Its Relation to Its Fifteenth Century Antecedents*.
- Elyse J. Machnek, B.M.E., Valparaiso University, 1958; M.M., Northwestern University, 1959. Music. *The Pedagogy of Franz Liszt*.
- Jack Donald McFadden, B.A., Cornell University, 1958; M.A., Northwestern University, 1962. Education. *The Relationship, Values, Attitude and Personality Characteristics of Student Teachers to Ratings by Their Supervisors*.
- Patricia Ann McFate, B.A., Michigan State University, 1952; M.A., Northwestern University, 1956. English. *James Stephen's Prose Inventions: Revisions in the Manuscripts of THE CHARWOMAN'S DAUGHTER, THE CROCK OF GOLD, and THE DEMI-GODS*.
- Elmer T. Mizuno, B.E., Cornell University, 1961; M.S., Northwestern University, 1963. Electrical Engineering. *On the Optimal Control of Linear Systems Subject to Random Disturbances*.
- Josephine Bangs Moran, B.S., Northwestern University, 1941; M.A., 1942. Speech. *The "Recent Humours Still" in Jonson's Last Four Comedies*.
- William Arthur Moy, B.I.E., University of Minnesota, 1954; M.S. 1956. Industrial Engineering. *Sampling Techniques for Increasing the Efficiency of Simulations of Queuing Systems*.
- Arlyn R. Meininghaus Myers, B.A., University of Buffalo, 1960. Chemistry. *The Mechanism of Ribonuclease-A-Catalyzed Hydrolysis*.
- George Peter Nassos, B.S., University of Illinois, 1961; M.S., Northwestern University, 1963. Chemical Engineering. *Propagation of Density Disturbances in Air-Water Flow*.
- John Neubauer, B.A., Amherst College, 1960; M.S., Northwestern University, 1962; M.A., 1962. *Stimulation Theory of Medicine in the Fragments of Friedrich Von Hardenberg*.
- Shige Nohara, B.A., University of Hawaii, 1950; M.A., Northwestern University, 1963. Sociology. *Social Context and Social Participation*.
- Marcella Eileen Oberle, B.Ed., Northern Illinois State Teachers College, 1942; M.A., Northwestern University, 1948. Speech. *A Critical Study of the Speech Content in High School English Non-Literature Textbooks*.
- Don Andrew Olson, B.S., University of Wisconsin, 1952; M.A., Northwestern University, 1956. Speech. *A Descriptive Study of the Speech Development of a Group of Infants with Unoperated Cleft Palate*.
- Robert Dean Olson, B.A., Northern Idaho College of Education, 1950; M.A., Ohio University, 1955. Speech. *A Study of the Relationship Between Controlled Velopharyngeal Dimensions and Physical and Perceptual Properties of Nasality*.
- John Hollis Peacock, B.A., Harvard College, 1960; M.S., Northwestern University, 1963. Anatomy. *Electrical Responses in Brachium Conjunctivum Evoked by Surface Stimulation of the Cerebellar Cortex in the Cat*.
- Robert Frederick Rikkers, B.A., Grinnell College, 1961; M.S., Northwestern University, 1964. Industrial Engineering. *Contributions to the Theory of Production-Inventory Control and the Theory of Queues*.
- Nancy Jeanne Schmidt, B.A., Oberlin College, 1958; M.A., University of Minnesota, 1961. Anthropology. *An Anthropological Analysis of Nigerian Fiction*.
- George Philip Shuraym, B.S., American University of Beirut, 1962; M.S., Northwestern University, 1963. Electrical Engineering. *Analysis and Design of Linear Control Systems with Delta-Modulation*.
- John Marlin Smith, B.S., General Motors Institute, 1956; M.S., University of Michigan, 1958. Nuclear Engineering. *The Self-Consistent Incorporation of Radiation into the Equations Governing the Approach to Equilibrium of a Fully Ionized Gas with Application to the Problem of Cyclotron Radiation*.
- Edwina Hunter Snyder, B.A., Louisiana College, 1952; M.R.E., Southern Baptist Seminary, 1955; M.A., Northwestern University, 1958. Speech. *Historical Backgrounds and Development of Chorus Speaking in Germany, 1918-1964*.

ONE HUNDRED AND EIGHTH COMMENCEMENT

- Fola Soremekun, B.A., Illinois Wesleyan University, 1960; M.A., Northwestern University, 1962. History. *A History of the American Board Missions in Angola, 1880-1940.*
- Fredrick Allen Stare, A.B., Harvard College, 1960; M.A., Northwestern University, 1964. Psychology. *The Effects of Competing Responses on Runway Behavior as a Function of Training Method, Alley Complexity, and Reward Magnitude.*
- Robert Paul Thomas, B.A., Carleton College, 1960. Economics. *An Analysis of the Pattern of Growth of the Automobile Industry, 1895-1929.*
- Roman Viado Tuason, Jr., B.S., University of the Philippines, 1953; M.B.A., Harvard University, 1957. Business. *Experimental Simulation on a Pre-Determined Marketing Mix Strategy.*
- John Joseph Uicker, Jr., B.M.E., University of Detroit, 1961; M.S., Northwestern University, 1963. Mechanical Engineering. *On the Dynamic Analysis of Spatial Linkages Using 4 x 4 Matrices.*
- John Francis Wendt, B.S., University of Wisconsin, 1959; M.S., Northwestern University, 1962. Mechanical Engineering. *A Study of the Cesium Plasma.*
- Martin Winn, B.Ch.E., The Cooper Union, 1961. Chemistry. *Synthesis of New Aromatic Systems Cyclohept[5]indene and Thiazulene Derivatives.*
- Keith Ainsworth Yarborough, B.S., University of Illinois, 1955; M.S., 1956. Civil Engineering. *Hemolysis Produced by the Dynamics of Blood Flow in Pipes.*

DOCTOR OF EDUCATION

- Charles Edward Stanley, B.Ed., Chicago Teachers College, 1946; M.S., DePaul University, 1948. Education. *An Analysis of Summer Schools in Large Urban School Systems in the United States.*

MASTER OF ARTS

- Marcia Fee Achenbach, B.A., Stanford University, 1962. English.
- Muriel S. Adler, B.A., Roosevelt University, 1963. Sociology.
- Pearl Albrecht, A.B., Douglass College, 1962. Speech.
- Carl E. Anderson, Jr., B.A., Gannon College, 1964. German.
- R. Bruce W. Anderson, B.A., Stanford University, 1961. Sociology.
- Robert Pritchard Armstrong, B.A., Yale University, 1958. Economics.
- Patricia L. Atkins, B.A., University of Michigan, 1959. English.
- J. Carol Rea Barger, B.A., University of Kansas, 1957. English.
- David Marshall Barry, B.A., College of William and Mary, 1961. Economics.
- Irma Carole Mason Barton, B.A., Rice University, 1963. English.
- Carl Eugene Batt, B.A., University of the Americas (Mexico), 1964. Anthropology.
- John Roice Baumgardt, B.S., Northwestern University, 1961. Speech.
- Judith T. Bederman, B.S., Northwestern University, 1961. Speech.
- Florence Edith Buchanan Beggs, B.S., Michigan State University, 1962. Education.
- Sarah Ruth Repp Benz, B.S. in Ed., Indiana Central College, 1960. Education.
- Lois Robinson Berman, B.S., University of Michigan, 1961. Speech.
- Carol Ann Berthold, B.A., University of Illinois, 1964. Speech.
- Nancy Mae Bilow, B.A., University of Illinois, 1963. History.
- Patricia Ann Blurton, B.S., University of Tennessee, 1964. Speech.
- Barbara Alice Bobrich, B.Ed., Northwestern University, 1956; M.S., 1957. Education.
- Jean Bundy Boggs, B.A., Northwestern University, 1942. Romance Languages.
- Ethel Boltax, B.A., Roosevelt University, 1957. Education.
- Philip Whisman Brashear, A.B., University of Kentucky, 1962. Mathematics.
- Clinton Woodrow Bratton, B.A., Mississippi State University, 1964. English.
- Raymond F. Bryant, A.B., Harris Teachers College, 1959. Mathematics.
- Nelson J. Burros, B.A., Rutgers University, 1964. History.
- Beret Carlson, B.A., DePauw University, 1963. History.
- Robert Lewis Carpenter, A.B., Augustana College, 1964. Speech.
- Gertrude S. Carroll, B.A., Colorado College, 1924. English.
- Norman W. Carter, B.A., Northwestern University, 1961. English.
- David Alan Castillon, B.S., University of Missouri, 1962. Mathematics.
- John Frank Chandik, B.A., Michigan State University, 1963. Geography.

NORTHWESTERN UNIVERSITY

- Jill M. Check, B.S., University of Illinois, 1964. Speech.
- Andrew David Cliff, B.A., University of London, 1964. Geography.
- Karen Ruth Collmeyer, B.S., Northwestern University, 1964. Education.
- Eileen Patis Cooper, B.A., University of Michigan, 1954. Political Science.
- Marjorie A. Crawford, B.S., Northwestern University, 1941. English.
- Gertrude Dahm, Ph.B., Loyola University, 1946. Education.
- Barbara S. Dale, B.A., Cornell College, 1961. Religion.
- George G. Daly, B.A., Miami University, 1962. Economics.
- Marianne Elisabeth deMestral, Bachelor's equiv., Teachers College (Switzerland), 1957. Religion.
- Marguerite Bicknase Dietrich, B.S., Northwestern University, 1932. Education.
- Prue O'Connor Donoghue, B.S., Georgetown University, 1963. Education.
- Margaret M. Doran, A.B., De Paul University, 1962. Romance Languages.
- Gloria Jean Dotson, B.A., Memphis State University, 1964. Speech.
- Volker O. Dürr, A.B., Lycoming College, 1962. German.
- Joan Audrey Backe Edgington, B.A., MacMurray College, 1960. Education.
- Darlene Ruth Erickson, A.B., Augustana College, 1959. History.
- Francis L. Fennell, Jr., A.B., University of Rochester, 1964. English.
- Susan Merle Firestone, B.A., Northwestern University, 1963. Education.
- Irving N. Fisher, B.S., University of Utah, 1958; M.B.A., 1961. Economics.
- Garvis Orland Fowler, B.Ed., Chicago Teachers College, 1960. History.
- Jean Ellen Fox, A.B., Indiana University, 1964. Political Science.
- Ruth B. Fox, B.S., Northwestern University, 1963. English.
- Barbara Friedberg, B.S., The Ohio State University, 1959. Education.
- William J. Froehlig, B.S., Northwestern University, 1950. Education.
- Roger L. Funk, A.B., Huntington College, 1962. Philosophy.
- Ambrose James Furey, Jr., A.B., Marquette University, 1961. English.
- Steven Joseph Gaesser, B.A., Niagra University, 1963. Classics.
- Florence S. Ganja, B.S., University of Chicago, 1944. Education.
- Rayna Harriet Garfield, B.A., Northwestern University, 1962. Romance Languages.
- Bruce William Garner, B.A., Olivet Nazarene College, 1957; B.D., Nazarene Theological Seminary, 1960. Religion.
- Elsie B. Gass, A.B., University of Nebraska, 1935. Education.
- Maita Ruth Gasser, A.B., Colorado College, 1956. Education.
- Diane L. Gottheil, B.A., University of Illinois, 1964. Political Science.
- Paul Lee Grady, B.S., Illinois Wesleyan University, 1962. Education.
- Sara Anita Grafton, B.A., Pennsylvania State University, 1964. Speech.
- Oscar Groner, B.A., University of Chicago, 1946. History and Literature of Religions.
- Kathleen Anne Gump, B.A., College of St. Teresa, 1962. Mathematics.
- Rudolph R. Haas, B.S., Loyola University, 1949. Education.
- Joan W. Hansel, B.S., Indiana University, 1951. Education.
- Kenneth Hassenmiller, A.B., Stanford University, 1963. Economics.
- Carol J. Hatch, B.A., State College of Iowa, 1960. Mathematics.
- Patricia A. Hawkins, Ph.B., Northwestern University, 1961. Education.
- Robert Paul Heimerl, B.A., Hamline University, 1957. Speech.
- Nancy Kaye Hellström, B.A., North Central College, 1958. Education.
- Andrew Hepburn, B.A., Goddard College, 1963. Speech.
- Daryll Dwayne Hersemann, B.S., University of Illinois, 1962. Education.
- Fawn D. Hewitt, B.A., North Central College, 1963. Psychology.
- M. Timothy Hinds, B.A., Mundelein College, 1962. Mathematics.
- Barbara A. Hodge, B.S., Northwestern University, 1964. Speech.
- Marcia Lyn Hoelscher, A.B., Indiana University, 1961. English.
- Marcia Lee Hoffman, B.S., University of Wisconsin, 1961. Romance Languages.
- Mary Donald Horning, B.A., St. Xavier College, 1960. Speech.
- Jon Earle Horton, B.S., Northwestern University, 1963. German.
- Christopher J. Hurn, B.S., University of London, 1960. Sociology.
- Dolores Helen Huttner, B.A., Washington University, 1964. History.
- Irmgard Seil Immel, B.A., Kent State University, 1964. German.
- Clara Wendy Jacobs, B.S., Pennsylvania State University, 1964. Speech.
- Dennis Scott Johnson, B.S., Northwestern University, 1963. Speech.
- Mavis C. Johnson, B.A., Augustana College, 1952. Education.
- Mary A. Jurcik, B.S., Northern Illinois University, 1962. Education.

ONE HUNDRED AND EIGHTH COMMENCEMENT

- Carin P. Kapilow, B.S., City College of New York, 1962. Speech.
 Elinor Kimes Karpf, B.S., Northwestern University, 1961. Speech.
 Deborah Kavanau, B.A., Radcliffe College, 1961. English.
 Eithne Keane, B.A., Lake Forest College, 1949. Education.
 Nancy Deane Kees, B.A., Northwestern University, 1964. English.
 Janet Hope Keiser, B.S., Indiana University, 1962. Speech.
 Karen Keller, A.B., Allegheny College, 1964. English.
 Nancy Dumler Kelly, B.A., Kansas State University, 1964. Education.
 Marjorie A. Kephart, B.A., North Central College, 1961. Speech.
 Alec Andrew Keratzides, A.B., University of California, 1955. Mathematics.
 Nancy Guy Klabunde, B.A., Millikin University, 1962. English.
 Roy A. Koenigsnecht, A.B., Central Michigan University, 1964. Speech.
 Thaddeus J. Koza, B.A., University of Michigan, 1963. English.
 Rosemary A. Kreuser, B.A., Rosary College, 1960. Mathematics.
 Ann G. Krone, B.A., Northwestern University, 1964. Education.
 Dennis P. Krueger, B.S., St. Louis University, 1964. German.
 Daniel Michael Lambert, A.B., William Jewell College, 1963. Education.
 Robert John Lambert, B.A., St. Mary's College, 1961; M.Ed., 1964. Romance Languages.
 Phyllis Ann Leavy, B.A., University of Florida, 1964. Speech.
 Lionel E. LeBeau, A.B., St. Louis University, 1953. Romance Languages.
 William Houghton Leslie, B.A., Wheaton College, 1954; B.D., 1961. Religion.
 Barbara Gene Letts, B.A., Pennsylvania State University, 1964. Speech.
 Sandra Jeanne Lierman, B.S., Northwestern University, 1961. Speech.
 Rogelio S. Llerandi, B.A., Lawrence University, 1959. Romance Languages.
 Burton Loren Lucas, Jr., B.S., United States Naval Academy, 1944. Education.
 Shirley Lewis Lucking, B.S., Northwestern University, 1952. History.
 Marilyn Ann Mallow, B.S., Marquette University, 1959. English.
 Marta Diaz Mañas, Dr. in Pedagogy, University of Havana, 1953. Romance Languages.
 George E. Marcus, A.B., Columbia University, 1964. Political Science.
 Wendy Barbara Marlowe, B.S., Boston University, 1964. Speech.
 Alice Victoria Martin, B.S., University of North Carolina, 1964. Education.
 Michael Masi, A.B., Loyola University, 1962. English.
 Meredith Ann Masterson, B.A., Lawrence College, 1956. Romance Languages.
 Jackson Kirby McAfee, B.A., North Park College, 1961. Mathematics.
 Richard B. McCafferty, B.A., St. Francis Xavier University (Nova Scotia), 1946; M.A., Boston College, 1958. Speech.
 Buddy J. McCalla, B.S., Wheaton College, 1959. Mathematics.
 Elaine R. McCalla, B.S., Wheaton College, 1960. Mathematics.
 Darlene Lorraine McLaughlin, A.B., Mundelein College, 1964. Speech.
 James M. Meason, B.A., De Paul University, 1963. English.
 Marilce Mercer, B.A., DePauw University, 1955. Education.
 Judith Ann Merrill, B.A., D'Youville College, 1961. Mathematics.
 Ronald Dwight Michaelson, A.B., Wheaton College, 1963. Political Science.
 David Reuben Miller, B.S., Temple University, 1962. Economics.
 Helen Roedel Miller, A.B., Syracuse University, 1963. Sociology.
 Barbara B. Mitchell, B.A., Northwestern University, 1964. German.
 Robert Cameron Mitchell, B.A., The College of Wooster, 1957. Sociology.
 James Edmund Mocarski, B.A., De Paul University, 1964. Speech.
 Joyce Hruby Moore, B.S., Northern Illinois University, 1961. Education.
 Rose K. Moreau, B.Ed., Illinois State University, 1943. English.
 Stanley Darwin Morrow, B.S., University of Minnesota, 1960. Education.
 Thomas F. Mullaney, Jr., A.B., Beloit College, 1961. Economics.
 Estelle Catherine Nakroshis, B.S., Mount Mary College, 1960. Education.
 Freda Ann Newkirk, B.S., University of Wisconsin, 1964. Education.
 Eldon Jerome Niebaum, B.S. in Ed., University of Kansas, 1961. Mathematics.
 Sandra Jean Nielsen, B.S., Northwestern University, 1959. Education.
 Paul Douglas Noffsinger, B.A., Colorado State College, 1964. Speech.
 Phillip K. Northman, B.A., Wayne State University, 1964. English.
 Keith John Oberlander, B.S., Illinois State University, 1962. Mathematics.
 Charles E. Oestreich, B.S., Illinois Institute of Technology, 1961. English.
 Linda Shearer Oggel, B.S., Kent State University, 1964. Speech.

NORTHWESTERN UNIVERSITY

Wendie Gene Osterman, B.A., MacMurray College, 1964. Romance Languages.
 Laura M. Ostrem, B.Ed., Whitewater State College, 1936. Education.
 Owen D. Owens, B.A., Beloit College, 1956. History and Literature of Religions.
 Gladys Mary Palmer, B.A., University of Illinois, 1938. Education.
 Claudette J. Pelletier, B.A., College Marie-Anne (Quebec), 1957; M.A., University of Montreal, 1959. Speech.
 Lydia Wengert Pendley, A.B., University of California, 1965. Education.
 Mary Angela Penkala, A.B., Mundelein College, 1960. Speech.
 William Aubrey Peters, B.S., University of Tennessee, 1958. Education.
 Carol Lynn Peterson, B.S., University of Minnesota, 1964. Speech.
 Sandra Marny Peterson, B.A., Principia College, 1964. English.
 Judith Carol Phelps, B.S., University of Wisconsin, 1963. Speech.
 Linda Rae Phillips, B.S., Northwestern University, 1964. Speech.
 Eleanor Charlotte Prueske, B.A., Illinois State Normal University, 1959. Education.
 Homer Lee Quisenberry, Jr., B.S., University of Kansas, 1960. Mathematics.
 Joan Govan Reiter, B.A., Wheaton College, 1952. English.
 David Randolph Richardson, B.A., Mississippi State University, 1964. English.
 Susan May Richardson, B.A., Northwestern University, 1963. Art.
 Martha Ellen Johnson Ririe, B.A., Northwestern University, 1961. English.
 Leslie B. Rodman, B.A., The State University of Iowa, 1964. Speech.
 Gene Edward Rooze, B.S., Purdue University, 1960. Education.
 David Isaac Rubin, B.S., Northwestern University, 1960. English.
 Sandra Z. Rudman, B.S., George Peabody College, 1964. Speech.
 Sharon Loretta Ruppert, A.B., Mundelein College, 1961. Speech.
 Pamela Jayne Russell, B.S., Syracuse University, 1964. Speech.
 Joan Orr Rydberg, B.A., University of Denver, 1960. Education.
 Susan C. Salay, B.A., Northwestern University, 1964. Classics.
 Chloe Schaefer, B.A., Lake Erie College, 1964. German.
 Alma Schieren, B.A., Brooklyn College, 1964. Speech.
 Nancy Jean Schuyler, B.A., Lawrence College, 1960. Education.
 Patricia Shaughnessy Schwartz, B.Ed., Chicago Teachers College, 1960. Education.
 Carole Anne Sheals, B.S., Northwestern University, 1964. Speech.
 Janet Ann Sigal, B.A., New York University, 1963. Psychology.
 Ethel Maier Simons, B.A., Douglass College, 1932. Romance Languages.
 Henry J. Sletner, B.S., Wisconsin State University, 1960. Education.
 Carol Ann Spears, A.B., Syracuse University, 1964. English.
 Gail Clare Spilky, B.A., University of Illinois, 1964. English.
 Edward J. Starshak, B.A., St. Joseph's College, 1960. Economics.
 Carol Louise Stover, B.S., University of Kansas, 1961. Speech.
 Nancy Dibb Tagge, B.S., University of Wisconsin, 1960. English.
 Eileen Ann Tambellini, B.S., Bowling Green State University, 1964. Speech.
 Bonnie Marie Taschler, B.A., Chatham College, 1964. Speech.
 Laurel Mae Theis, B.A., The Ohio State University, 1962. Romance Languages.
 June Elaine Mailly Thompson, B.S., Northwestern University, 1961. Education.
 Ellen Eisenberg Treger, B.S., Northwestern University, 1964. Speech.
 Albert Henry Tricomi, B.A., Columbia College, 1964. English.
 Philip Lee Vandrey, B.A., Northwestern University, 1964. Romance Languages.
 Elizabeth C. Van Kley, B.A., Westmar College, 1948. Education.
 Warren S. Webb, B.A., Boston University, 1957; B.D., Garrett Theological Seminary, 1961. Religion.
 Hermine Androw Weber, B.S., University of Illinois, 1963. Education.
 Richard Leon Wehrman, B.S., University of Missouri, 1952; M.S., 1954; B.D., Emory University, 1960. Religion.
 Walter William Werronen, B.A., Kent State University, 1953. Religion.
 Charles A. Wilkinson, B.A., Mt. St. Alphonsus, 1959. Speech.
 Mary Elizabeth Williams, B.S., Peabody College for Teachers, 1946; M.A., University of Chicago, 1962. English.
 Paul Andrew Williams, B.S. in Ed., Northwestern University, 1958. Education.
 Francis T. Wilson, Jr., B.A., Yale University, 1947. Mathematics.
 Joanna Fink Winter, B.A., Michigan State University, 1964. English.
 Valeria M. Wojcik, B.S., Northwestern University, 1950. Education.
 Leslie Horn Worcester, B.A., University of Michigan, 1964. Speech.
 Frederick Driscoll Worman, B.A., Macalester College, 1964. Political Science.
 Dennis C. Zacek, B.A., De Paul University, 1963. Speech.

ONE HUNDRED AND EIGHTH COMMENCEMENT

MASTER OF ARTS IN TEACHING

Nancy S. Akred, B.A., Stanford University, 1956. Education.
 Mary Jean Albertson, B.A., University of Puget Sound, 1964. Education.
 Janet Robinson Altman, B.A., Wellesley College, 1964. Education.
 Betty Ann Anderson, B.A., North Park College, 1962. Education.
 Linda Elaine Beers, B.A., Grinnell College, 1964. Education.
 David Arthur Bennett, B.S., Muskingum College, 1964. Education.
 Gloria Marie Bien, B.A., Rosary College, 1964. Education.
 Kathleen Ann Brogan, B.A., Scripps College, 1964. Education.
 Fred Thomas Capozzella, B.A., Hamilton College, 1964. Education.
 Susan Beck Carl, B.A., Kalamazoo College, 1964. Education.
 Ruth Ann Casdin, A.B., Wheaton College, 1964. Education.
 Lois Ann Chudnow, B.S., University of Wisconsin, 1964. Education.
 John Lucas Cooper, Jr., B.S., Northwestern University, 1962; M.S., 1964. Education.
 Ruth Mary Craddock, B.A., Newton College of Sacred Heart, 1964. Education.
 K. Robert Dollaske, B.A., Lake Forest College, 1964. Education.
 Patricia Ellen Dunn, B.S., DePauw University, 1963. Education.
 Edith Sarah Eisinger, B.A., Denison University, 1964. Education.
 Don Keith Enns, A.B., Bethel College, 1964. Education.
 Karin Ann Fahlstrom, B.A., Smith College, 1964. Education.
 Moira Collins Fitzgerald, B.A., University of Toronto, 1964. Education.
 Bernard Walentyn Folta, A.B., University of Michigan, 1964. Education.
 Fred Forster, B.A., Northwestern University, 1964. Education.
 Louis Anthony Gatta, B.A., Drake University, 1964. Education.
 Toni A. Gold, B.A., Northwestern University, 1963. Education.
 Gertrude Elisabeth Grisham, Bachelor's equiv., University of Vienna, 1951. Education.
 Donald G. Gwinn, A.B., Carleton College, 1964. Education.
 Abigail Harding, B.S., The Ohio State University, 1964. Education.
 David Haskell Harrison, A.B., Marietta College, 1964. Education.
 Douglas Laton Hoeft, B.A., Denison University, 1964. Education.
 Ann Holt, B.A., Northwestern University, 1963. Education.
 Sibyl Chafer Jacobson, B.A., St. Olaf College, 1964. Education.
 Martha Jane Judd, B.A., Mt. Holyoke College, 1964. Education.
 Janet Ann Juhnke, B.A., Bethel College, 1964. Education.
 Betsy Lee Kraus, B.S., Denison University, 1964. Education.
 Karin Beth Larson, B.A., St. Olaf College, 1964. Education.
 Barbara Roach Lellek, B.A., Ohio Wesleyan University, 1964. Education.
 Katharine Jay Levin, B.S., Purdue University, 1948. Education.
 Carolyn M. Loew, B.A., Wittenberg University, 1964. Education.
 Georgiana Luecker, B.F.A., Ohio University, 1963. Education.
 Vicki Anne Macdonald, B.A., Mt. Holyoke College, 1964. Education.
 Carole Lynn Masley, B.A., Wittenberg University, 1964. Education.
 Robert James Masters, B.A., Northwestern University, 1963. Education.
 Joyce Elaine Mims, B.A., University of Wisconsin, 1964. Education.
 David Michael Morse, B.S., University of Rochester, 1964. Education.
 Edith Maria Moser, B.A., Northwestern University, 1964. Education.
 Anne Reynolds Murray, B.A., Wellesley College, 1964. Education.
 Julie Claire Nagler, B.A., University of Michigan, 1964. Education.
 Kathryn Niles, B.A., Northwestern University, 1964. Education.
 Kenneth Paul Nye, B.A., Colby College, 1964. Education.
 Mary Lucille Pearsall, B.A., Scripps College, 1964. Education.
 Jo Ellen Pierce, B.A., Wells College, 1964. Education.
 Janet Lee Rabenstein, A.B., Mt. Holyoke College, 1964. Education.
 Kate Rastetter, A.B., Wittenberg University, 1964. Education.
 Barbara Mary Rice, A.B., Oberlin College, 1964. Education.
 Mary Brooks Roden, B.A., Scripps College, 1964. Education.
 Susan Jane Romer, B.A., Barnard College, 1964. Education.
 Mary Jane Petersen Rumsey, B.A., Northwestern University, 1964. Education.
 Bernard L. Schroeder, B.A., St. John's University, 1963. Education.
 Susan M. Schuck, B.A., Mt. Holyoke College, 1964. Education.
 David Paul Shaub, B.A., Kalamazoo College, 1964. Education.

NORTHWESTERN UNIVERSITY

Gary Douglas Siemers, A.B., Grinnell College, 1963. Education.
 Alan Peter Sprague, B.A., Oberlin College, 1964. Education.
 Sarah Stotenbur, A.B., University of Rochester, 1964. Education.
 Robert Mckenzie Swan, B.A., MacMurray College, 1964. Education.
 William Brettel Ware, A.B., Dartmouth College, 1964. Education.
 James J. Weber, B.A., Ripon College, 1964. Education.
 Jane Ferrell Welton, B.A., College of Wooster, 1964. Education.
 Gretchen Elizabeth Wenck, B.A., Earlham College, 1964. Education.
 Gail M. White, B.A., Northwestern University, 1964. Education.
 Paul Morrison Whiting, B.S., St. Olaf College, 1959. Education.
 Ann Carol Willis, A.B., DePauw University, 1964. Education.
 Alan Hanson Winquist, B.A., Wheaton College, 1964. Education.
 Joan Susan Wohlgemuth, B.A., University of Kansas, 1964. Education.
 Mary R. Worman, B.A., Denison University, 1964. Education.
 Shirley J. Wright, B.A., College of Wooster, 1964. Education.

MASTER OF SCIENCE

Theodore Douglas Ahlgren, B.S., Northwestern University, 1957. Chemical Engineering.
 Subhash C. Anand, B.Sc., Banaras Hindu University (India), 1955. Civil Engineering.
 Charles Emory Barton, B.S., Rice University, 1963. Mechanical Engineering.
 Peter C. Bauer, B.S., University of Wisconsin, 1960. Mathematics.
 Sidney J. Blatt, B.S., Illinois Institute of Technology, 1964. Biomedical Engineering.
 Stuart David Bresnick, B.M.E., Cornell University, 1962. Materials Science.
 Carole Bricker, B.A., Northwestern University, 1963. Biology.
 Harvey Allen Brodsky, B.S., Illinois Institute of Technology, 1964. Electrical Engineering.
 Larry G. Brotzman, B.S., Wisconsin State College, 1960. Mathematics.
 David Basset Brown, B.A., Wesleyan University, 1964. Chemistry.
 Gustavo Cabello Moreno, Bachelor's equiv., *Sup. de Ing. de Caminos* (Spain), 1960. Civil Engineering.
 Harvey Stuart Cohen, B.S., New York University, 1964. Geography.
 Michael Cohn, B.E., The Cooper Union, 1964. Civil Engineering.
 Florence Rosemary Colton, B.A., Carleton College, 1943. Microbiology.
 Harry Edward Crull, Jr., B.A., Butler University, 1961. Astronomy.
 Roland P. Desfosses, B.A., University of Ottawa (Canada), 1954.
 Theodore A. Eisenberg, B.S., Illinois State University, 1964. Mathematics.
 Sutton Burns Farnham, B.S., University of North Carolina, 1963. Chemistry.
 Arley G. Franklin, B.S., University of Oklahoma, 1955. Civil Engineering.
 Oscar Antonio Garcia, D.D.S., University of Costa Rica, 1957. Dentistry.
 David Gaus, B.S., University of Chicago, 1964. Biology.
 Gleizas Jean-Louis, E.T.P., University of Paris, 1964. Civil Engineering.
 Marcia Ellen Gordon, A.B., Vassar College, 1964. Chemistry.
 Peter Norman Gray, B.A., University of Delaware, 1962. Microbiology.
 Benjamin Gross, B.E., The Cooper Union, 1964. Chemical Engineering.
 James P. Heaney, B.S., Illinois Institute of Technology, 1962. Civil Engineering.
 William Roy Heftel, B.S., University of Illinois, 1964. Chemistry.
 Alberta Holland, B.S., St. Procopius, 1960. Mathematics.
 Sam Howard Ireland, B.S., Brigham Young University, 1959. Mathematics.
 Rex S. Itoga, B.S., University of Hawaii, 1963. Electrical Engineering.
 J. James, B.E., University of Madras (India), 1952. Civil Engineering.
 Glenn Merton Johnson, B.S., Pennsylvania State University, 1964. Civil Engineering.
 Ned Michael Johnson, B.S., Northwestern University, 1960. Industrial Engineering.
 Robert W. Kapche, B.S., Loyola University, 1962. Psychology.
 Gary Sylvester Keyes, B.S., Wheaton College, 1963. Physics.
 Bonnie A. Koven, B.A., Northwestern University, 1964. Chemistry.
 John Patrick Layde, B.S., Northwestern University, 1962. Pathology.
 Richard Kenneth Lee, B.Sc., University of London, 1964. Chemistry.

ONE HUNDRED AND EIGHTH COMMENCEMENT

Lu-yeen Huang Li, B.S. equiv., Cheng-Kung University, 1957; M.S., Tokyo University, 1963. Civil Engineering.
Donald Gordon McInnes, B.A., Denison University, 1963. Transportation.
Marvin William Meyer, B.A., Wabash College, 1962. Biology.
Evan Randall Minnich, B.A., Albion College, 1964. Chemistry.
Kenneth Martin Mobeck, B.E.E., Santa Clara University, 1963. Electrical Engineering.
Brian Harold Moisand, B.S., Vanderbilt University, 1963. Biomedical Engineering.
Joseph Vincent Niederst, B.S., Georgetown University, 1963. Physics.
Martina Marie Panozzo, B.S., Loyola University, 1962. Biology.
Samuel Howard Parry, B.S., Georgia Institute of Technology, 1963. Industrial Engineering.
Donna Avery Patton, B.A., University of Cincinnati, 1964. Mathematics.
Grant William Patton, Jr., B.S., Northwestern University, 1962. Pathology.
Lee Nichols Pavlatos, B.A., Lake Forest College, 1962. Mathematics.
Victor Joseph Pellegrini, B.S., University of Illinois, 1963. Mathematics.
Richard Henry Pratt, B.S., California Institute of Technology, 1956. Civil Engineering.
J. B. Price, B.S., San Jose State College, 1963. Materials Science.
William Michael Raikes, B.A., Northwestern University, 1964. Applied Mathematics.
Robert Eugene Ramsburg, B.E.S., Johns Hopkins University, 1964. Industrial Engineering.
John Wesley Rau III, B.S., Northwestern University, 1963. Electrical Engineering.
Robert Noble Rice, B.S., Northwestern University, 1963. Chemical Engineering.
Mathias John Sagartz, B.S., University of Notre Dame, 1963. Civil Engineering.
Ibrahim Joseph Samaha, B.S., American University of Beirut, 1960. Civil Engineering.
David Joseph Schaeffer, B.S., Brooklyn College, 1963. Chemistry.
James J. Schmid, B.S., Loras College, 1962. Mathematics.
Joseph Landy Schofer, B.E., Yale University, 1963. Civil Engineering.
Adam L. Shepela, B.S., Pennsylvania State University, 1963. Materials Science.
James Albert Starkey, Jr., A.B., Princeton University, 1964. Chemistry.
Joyce Ann Sween, B.S., Antioch College, 1960. Psychology.
Judith Carole Thalhofer, B.A., Wisconsin State College, 1960. Geography.
James Milo Utterback, B.S., Northwestern University, 1963. Industrial Engineering.
Martin Wachs, B.C.E., City College of New York, 1963. Civil Engineering.
Robert O. Wageneck, B.S., Arlington State College, 1963. Physics.
Donald Ernest Weber, B.S., Case Institute of Technology, 1963. Physics.
Michael Weissman, B.S., The Cooper Union, 1963. Electrical Engineering.
Michael David Wilson, B.S., University of Michigan, 1962. Geology.

DIPLOMA IN ARTS AND SCIENCES

Walter Donald Grose

Helen Margaret Siemens

DIPLOMA IN BUSINESS

Edward Lawrence Hatalla
Mary Dolores Kinecki

Gilbert Thomas Loge
Frances Joy Vincent

PRIZES AND HONORS

ALL-UNIVERSITY PRIZES

THE JOHN B. KIRK PRIZES IN ORATORY: H. Russell Barefield (first);
Elizabeth J. Park and Jana L. Sackman (second)

MILTON S. FLORSHEIM PRIZES FOR DEBATE: Michael L. Denger, Garry G.
Mathiason, William E. Snyder, Brenton N. Ver Ploeg, David H.
Zarefsky

CUMNOCK DEBATE PRIZES: Bjarnie R. Anderson, Daniel J. Arnold,
Michael L. Blim, James E. Doran, William C. Harsh

AGNESS LAW DEBATE PRIZES: Kathy A. Billings, Nancy J. McClaughry,
Marcia A. Muldrow

NORTHERN ORATORICAL LEAGUE CONTEST: H. Russell Barefield

HARDY SCHOLARS

In the Graduating Class—School of Law

George William Fahlgren, 1963-66
(3 years)

Note and Comment Editor, *Northwestern University Law Review*

Howard Charles Pizer, 1963-66
(3 years)

Topic Editor, *Northwestern University Law Review*

Sheldon Alter Zabel, 1963-66
(3 years)

Member of the Editorial Board, *Northwestern University Law Review*

Sherwin Stanley Zeitlin, 1963-66
(3 years)

Editor-in-Chief, *Northwestern University Law Review*

In the Graduating Class—Undergraduate

Allan E. Goodman
Four Year Scholar
Varsity Debate
Mock Congress
Sophomore Senator
Co-Chairman Symposium
Editor of Symposium Book
Honors Program
DERU

Fred T. Plog III
Four Year Scholar
Varsity Debate, four years
Florsheim Debate Prize
Cumnock Debate Prize
Student Senate
Woodrow Wilson Fellowship
Delta Sigma Rho

William E. Snyder
Four Year Scholar
Varsity Debate, four years
Florsheim Debate Prize
National Debate Champion
National Debate Tournament, First Speaker
Mary Peterson Gilbert Prize

ONE HUNDRED AND EIGHTH COMMENCEMENT

Clarion DeWitt Hardy Scholars in School—Undergraduate

Bjarnie R. Anderson
Michael L. Blim
Robert H. Chandler
Michael L. Denger
Martin R. Galbut

Robert L. Garrison
Thomas A. Harris
Garry G. Mathiason
David H. Zarefsky

RUSSELL SAGE SCHOLAR

In the Graduating Class—School of Law

Robert Henry Bowmar, 1963-66
(3 years)

Article Editor, Northwestern University Law Review

THE COLLEGE OF ARTS AND SCIENCES

DANIEL BONBRIGHT SCHOLARSHIP: David Shields Miller

HEARST SCHOLARSHIP: David Allison Gerber

JAMES ALTON JAMES SCHOLARSHIP: Thomas Edward Buess

OLIVER MARCY SCHOLARSHIP: Harold Matthew Spinka

SARETT SCHOLARSHIP: Kathryn Ann Parker

PHI BETA KAPPA

Class of 1966

Lawrence John Brainard
*Thomas Edward Buess
*Anne Marie Chenault
Michael Jeffrey Cowen
Sandra Ann Dietl
Stephen Lee Ewing
*Elizabeth Ann Fisher
Edward Henry Forkos
Bernard Sholom Friedman
Paula Bills Fuqua
David Allison Gerber
Charlotte Louise Goedsche
John Peter Gumbelevicius
Lynn Frances Hager
*Alice Lister Hoffman
Del Ivan Janik
Lila Joyce Kalinich
Marc Wallace Kirschner
Edwin M. Klein
Abby Wolfson Kuznesof
Beverly Jean Livingston
Jeanne Ellene Maxant

Patricia Irwin McConnell
John Franklin Metcalf
David Shields Miller III
Gloria June Miller
Marilyn Agnes Mollman
David Clark Mueller
Susan Alice Mulligan
Julie Christine Pagani
Kathlyn Ann Parker
Donald Lee Patrick
Robert Louis Perry
Fred Thomas Plog III
Judith Preves
William Randolph Robie
*Cliff Gregory Russell
John Patrick Saari
*Harold Matthew Spinka, Jr.
Joanne Kay Stroller
*William John Stull
Dawn Carol Tanis
*Thomas William Wicks

PHI BETA KAPPA

Class of 1967

Andrew Michael Abarbanel
Stephen Keith Ault
Karen Louise Berg
Charles John Buresh

Thomas Elmer Lifka
Carl Richard Magnussen
Michael Barry Miller
Carol Lee Tarbis

**Elected during junior year*

NORTHWESTERN UNIVERSITY

ALPHA SIGMA LAMBDA

Dorothy Allpress
Joan Bragginton
Margaret Daseke
William E. Levin

Florine Sadler
Joyce Treffman
Herbert Udesen

August 1965

BACHELOR OF ARTS

Degree Awarded With Highest Distinction

Arthur Carl Holmberg

Degree Awarded With Distinction

Barbara Ellen Beck

THE SCHOOL OF MEDICINE

LESLIE BRAINARD AREY (PHI BETA PI) AWARD: Thomas Henry Stanisic

FREDERICK H. RAWSON, JR. SCHOLARSHIP: Douglas John Walvoord

PHI RHO SIGMA AWARD: Andrew Peter Klaus

ALPHA OMEGA ALPHA

Richard Lester Bettenhausen
Robert Buttemiller
Ralph Marshall Colburn
Scott H. M. Driscoll
Gilbert Carl Fischer
Harvey Martin Goldstein
William Bowman Iams
Michael Allen Kass
Andrew Peter Klaus
Sherwin David Lewis

Dewey LeGrande Long
Richard Ray Nelson
Alan Lane Plummer
Thomas Walter Rosenbaum
Joseph Samuel Rowe, Jr.
Donald Evens Schwarten
Joseph Silva, Jr.
Gary Richard Snyder
Christian John Van Den Berg
Thomas Roy Westerhoff

THE SCHOOL OF LAW

JULIUS H. MINER MOOT COURT COMPETITION: Harry Jonathan Pearce and Harry Elbert Youtt III (Winning Team); Harry Elbert Youtt III (Best Oral Argument); Leo Edward Bryant II and John S. Rice (Best Brief)

LOWDEN-WIGMORE COMPETITION: Stephen McLane Merrick (first); Thomas Charles Shields (second)

WEYMOUTH-KIRKLAND SCHOLAR: Anne Marie Donahue, 1963-66 (3 years)

WIGMORE KEY: John Colerick Berghoff, Jr.

ONE HUNDRED AND EIGHTH COMMENCEMENT

ORDER OF THE COIF

Victor Herbert Bezman	Stephen McLane Merrick
Robert Henry Bowmar	Howard Charles Pizer
Rebecca Jane Cassity	David Wolf Ruttenberg
George William Fahlgren II	Merrill Jay Schwartz
Wayne Bruce Giampietro	Thomas Charles Shields
David Glickstein	Sheldon Alter Zabel
Jon LeRoy Mangus	Sherwin Stanley Zeitlin

THE SCHOOL OF SPEECH

ISABEL LOVEDALE SCHOLARSHIP: Janet E. Larsen

PHI BETA SCHOLARSHIP: Robert O. Butler, Jr.

JUNIOR SCHOLARSHIP: David H. Zarefsky

SOPHOMORE SCHOLARSHIP: Elizabeth A. Potter

EDGEWATER DRAMA STUDY CLUB SCHOLARSHIP: Alan G. Wade

DRAMA CLUB OF EVANSTON SCHOLARSHIPS: Peter T. Coffield, Charles J. Conwell, Karen E. Johnson, Nancy G. Redman

DELTA ZETA SCHOLARSHIP: Susan D. Konik

WIND RADIO SCHOLARSHIP: Gregory W. Campbell

MERCY SIMERAL PARKHILL SCHOLARSHIP: Cynthia K. Porter

WINIFRED WARD PRIZE FOR EXCELLENCE IN CHILDREN'S THEATRE: Jerri A. Siegle

MARY PETERSON GILBERT ('97) PRIZE: Jeanne M. Tessier

THEATRE DEPARTMENT PRIZE: Mary C. Barth

SAM S. SHUBERT FELLOWSHIP IN PLAYWRITING: Douglas D. Stewart

LUCIA MAY WIAANT AWARD: Katharine F. Remington

RALPH DENNIS PRIZE FOR SONNET READING: Peter L. Strauss

INTERPRETATION HONORS: P. William Hutchinson, C. David Parker (graduate); Robert O. Butler, Jr., James G. Mennen (undergraduate)

PUBLIC ADDRESS AND GROUP COMMUNICATION HONORS: Michael L. Denger, Martin R. Galbut, Allan E. Goodman, Garry G. Mathiason

RADIO, TELEVISION, AND FILM HONORS: Service Award: D. Jeffrey Gulliford; Writing Award: Marilyn B. Gutstein; Announcing Award: John C. Gorby; Production Awards: Radio—Neill D. Hicks; Television—Paige C. Lechthaler; Film—Dennis L. Giles

AUDIOLOGY HONORS: Geraldine G. Haertel (graduate)

DEAF EDUCATION AND GUIDANCE HONORS: Valerie K. Harman (graduate); Rebekah B. Hansen (undergraduate)

LANGUAGE PATHOLOGY HONORS: Sandra M. Levin (graduate)

NORTHWESTERN UNIVERSITY

SPEECH PATHOLOGY HONORS: Karol S. Katz (graduate); Lynne A. Graham (undergraduate); Honor Member of Sigma Alpha Eta: Susan M. Hubka

SPEECH EDUCATION HONORS: Nancy N. Walker (graduate); Sherry L. Brownstein, Donna L. Burton, Jennifer C. Haefele, Roberta A. Raider, Nina B. Weinstein, Karen S. Weiss (undergraduate); Zeta Phi Eta Award for Outstanding Achievement: Janet E. Larsen

THEATRE HONORS: Acting—Constance L. Cooper, Michael M. Winters; Directing—Charles V. Leipart; Technical—Mary D. Griswold

THE SCHOOL OF DENTISTRY

AMERICAN ACADEMY OF GOLD FOIL OPERATORS AWARD: John Stevens McGuire

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THE ODONTOGRAPHIC SOCIETY OF CHICAGO AWARD: William Chadwick Guard

INTERNATIONAL COLLEGE OF DENTISTS AWARD: Robert Merl Little

AMERICAN ACADEMY OF DENTAL MEDICINE AWARD: Douglas Colin Uyemura

AMERICAN ACADEMY OF ORAL ROENTGENOLOGY AWARD: John William Preece

AMERICAN COLLEGE OF DENTISTS (ILLINOIS SECTION) AWARD: Arthur Stanley Hansen

AMERICAN SOCIETY OF PERIODONTISTS AWARD: Edward James Pavlik

AMERICAN ACADEMY OF GENERAL DENTISTRY AWARD: Jerold Dale Lundgren

AMERICAN ASSOCIATION OF ENDODONTISTS AWARD: Henry Boyd Wolthuis

AMERICAN DENTAL SOCIETY OF ANESTHESIOLOGY, INC. AWARD: John Patrick Mesch

CANNING PRIZE: John Joseph Sexton

C. V. MOSBY AWARDS: J. Paul Brenchley, Richard Green, Charles J. Maseredjian, Jr., George Shea Schuster, Douglas Colin Uyemura

OMICRON KAPPA UPSILON

William Chadwick Guard
Robert Merl Little
Jerold Dale Lundgren

Douglas Colin Uyemura
Henry Boyd Wolthuis

SIGMA PHI ALPHA

Jean Marie Cassidy

Carol Lynn Olson

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- CARL MILTON BEECHER FUND SCHOLARSHIP: Nohema Fernandez
CHICAGOLAND MUSIC FESTIVAL AWARD: Vincent Paul Skowronski
FREDRIK A. CHRAMER SCHOLARS: Heather Faith Golembo, Antoinette Cook Keet
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WADE FETZER AWARD FOR EXCELLENCE IN PERFORMANCE: Vincent Paul Skowronski
WADE FETZER FUND SCHOLARSHIPS: Pamela Adrienne McConnell, Joy Lynn Medler
ANNA SCHAUFFLER LOCKWOOD AWARD FOR EXCELLENCE IN STRING MUSIC: Pamela Adrienne McConnell
JOSEPHINE C. MAGNANI FUND SCHOLARSHIP: Edwin LaFontaine Kemp III
GERALD OWEN McDONALD AWARD FOR EXCELLENCE IN OPERA: Karen Jeanne Szymanski
RUSSELL V. AND HAZEL B. MORGAN AWARDS FOR SCHOLARLY WRITING IN MUSIC EDUCATION AT THE MASTER'S LEVEL: Dolores Leonarda Nor-
mann, David Gay Woods
MU PHI EPSILON NORTH SHORE ALUMNAE PERFORMANCE ACHIEVEMENT AWARD: Margaret Anne Hughes
MU PHI EPSILON, SIGMA CHAPTER, AWARDS: Nohema Fernandez, Pauline Young
MU PHI EPSILON NATIONAL STERLING MORTON ACHIEVEMENT AWARD: Margaret Anne Hughes
NINETEENTH CENTURY WOMEN'S CLUB SCHOLARSHIP: Marianne Elizabeth Locke
MARY LOUISE PENDLETON FUND SCHOLARSHIP: Elizabeth Ann Hotz
PHI BETA SCHOLARSHIP: Phyllis Ann Herzog
SIGMA ALPHA IOTA ALUMNAE CHAPTER SCHOLARSHIP: Carole Lyndeth Cowan
SIGMA ALPHA IOTA ALUMNAE CHAPTER AWARD: Mary Ann Holman
SIGMA ALPHA IOTA DEAN'S HONOR: Antoinette Cook Keet
SIGMA ALPHA IOTA HONORS CERTIFICATE: Gail Elliott Webb
SIGMA ALPHA IOTA LEADERSHIP AWARDS: Carole Lyndeth Cowan, Joy Lynn Medler
LOUIS SUDLER AWARDS FOR EXCELLENCE IN THE ART OF ORATORIO SINGING: Drude Sparre Chancellor, Sheryl Ann King
GEORGE MOFFITT WHITEHALL FOUNDATION SCHOLARSHIP: Philip Edward Brink
BRUCE DAVID WILLIAMS MEMORIAL SCHOLARSHIP: Joseph Carl Maielli
WINNETKA MUSIC CLUB SCHOLARSHIP: Nancy Jane Post

NORTHWESTERN UNIVERSITY

PI KAPPA LAMBDA

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David Alan Bates
Wilhelmine Bennett
James Turner Berkenstock
Philip Edward Brink
Alfred Peter Brown
Jerilyn Lee Cady
Dorothy Cheung
Rhonda Gail Cundy
Lynden Evans De Young
Susan Elizabeth Erickson
Nanette Anne Gomory
Herbert Maurice Gotsch
Elizabeth Ann Hotz
John Innes
Jon Sigurdsson Jonsson
Antoinette Cook Keet

Marvin Harold Koch
James Joseph Machan
Sister M. Eustelle Moehler
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Sylvia Sidney Newton
Christina Olton
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Donna Wellhausen Rogers
Sister Ellen Marie Ryan
Daniel Eugene Scott
Margaret Rose Schultz
Andrea Wray Urban
Susan Emma Veigel
Kristi Lenore Vensand
Maurine Mullin Walton
Martha Louise Waterman

THE SCHOOL OF BUSINESS

Graduate School of Business Administration

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WOLF AND COMPANY AWARD FOR EXCELLENCE IN BUSINESS RESEARCH: John Robert Baum

ERNST & ERNST AWARD FOR EXCELLENCE IN ACCOUNTING: John Michael Tomasch

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David James Croft
Maurice Gilbert Friedman
Alvin Lee Goldberg
Erskine Lee Harkey, Jr.
Kenneth Edward Hennig
Joseph Arthur Hess
Thomas Alan Kaminski

Daniel Ernest Kletter
Joseph Fred Knott
Peter Charles Kosche
Roger Wolfe Norian
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Robert Connell Steffey
Robert William Thomas

The Undergraduate School

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*Jerome Phillip Akman
David Carl Anderson
Daniel Davis Arndt
Robert Henry Arnold
*Joan Erzer Behrens
*Robert Elliott Gooding, Jr.
Peter Wendell Mattingly

Robert David McLean
Mitchell Harris Saranow
William Randal Smith
*Samuel Spencer Stewart, Jr.
James Barton Thies
*Joseph Harris Wender
Helen Jo Wien

*Elected as juniors

ONE HUNDRED AND EIGHTH COMMENCEMENT

HIGHEST HONORS IN INDEPENDENT STUDY

Robert E. Gooding, Jr.

HONORS IN INDEPENDENT STUDY

Robert H. Arnold
James W. Collins, Jr.

Joseph H. Wender

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HARRINGTON MEMORIAL AWARDS: Advertising Major: Walter Alexander Forbes; Magazine Major: Carolyn Ann Langway; Newspaper Major: Wesley James Christenson; TV-Radio Major: Ronald Robert Schlachter

DOROTHY CARLYLE AWARD: Dianne Bernice Ehlers

SIGMA DELTA CHI CITATION OF ACHIEVEMENT: Michael Russell Whitney

KAPPA TAU ALPHA

Charles Abrams
Harriette Jean Adelsman
Wesley James Christenson
Barbara Jean Dill
Pauline Benjamin Dubkin
Dianne Bernice Ehlers
David James Fields
Linda Ann Grove

John William Heath
Carlton Richard Lutterbie, Jr.
Thaddeus Craig Martin
Alice Fulton Park
David Lee Rehder
Jerry Robert Salancik
Ronald Robert Schlachter
Rebecca Jean Welch

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HONORS IN EDUCATION

Arthur B. Graham

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*Mary Albertson
Ruth L. Barrash
Martha Beckett
*Florence Beggs
*Gloria Bien
*Judith A. Boak
*Karen Collmeyer
Carol I. Coopersmith
Jean N. Crowe
Adrienne C. Drell
Joan M. Duck
Cynthia J. Eck
*Phyllis Frankel
Mary A. Freeman
Hynda G. Gamze

Pamela M. Golton
*Gertrude Grishaw
June M. Hetler
*Rochelle Kanter Kelz
Jean M. Kokes
*Betsy Lee Kraus
Lorita S. Langley
*Karin R. Larson
Dierra K. Lehman
Joann Lenormand
*Georgiana Luecker
*Ann Messick
Patricia H. Owens
*Lydia Pendley
*Wilma Pesavento

**Elected in 1964-65*

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*Susan Prauer
Diane P. Rader
*Nancy Schuler
Eileen M. Shneider
Sue S. Skalinder

*Marcia Topper
*Ann Weber
Joan Wohlgemuth
*Mary Worman
Marcia A. Yingst

THE TECHNOLOGICAL INSTITUTE

OVIED W. ESHBACH AWARD: Norman E. Brunner

HAMILTON AWARD: Linn Walker Hobbs, Jr.

ALPHA PI MU

Charles Merrill Bierfeld
Gary Roland Bryan
Kevin Croke

James Richard Mogle
Robert L. Mount

ETA KAPPA NU

Norman E. Brunner
Daniel Albert DePompei
George Wayne Dietrich
James Richard Fox
James Edward Greenlee
Keith Willard Johnson

Marvin W. Murray
James Peter Quint
Thomas F. Schwab
Gerald William Shields
Stephen E. Smith
Alan Theodore Wetzel

PI TAU SIGMA

James Alan Block
Scott Richard Miller
David Edward Mohrman

Jeffrey Allan Quitno
Richard Michael Schreck
Jeffrey Garth Witwer

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James Alan Block
Louis Milton Brock, Jr.
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James Edwin Grunst
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Keith Willard Johnson
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Gary Lee Wire
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*Elected in 1964-65



NORTHWESTERN UNIVERSITY

*Additional Prizes and Honors announced too late for publication
in this program in the usual order of listing by schools.*

THE COLLEGE OF ARTS AND SCIENCES

PHI BETA KAPPA PRIZE: Elizabeth Ann Fisher

DEPARTMENTAL HONORS

ART

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Eugenie MacMahon

BIOLOGICAL SCIENCES

Jeffrey Lynn Alexander
Peter Brent Herkner
Nicholas Pullos
Robert Milton Schmidt
Allan Barry Sutow

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Michael Stanley Bensman
Lucius Osmond Crosby III
John Paul Elwood
Terry Vern Iorns
Marc Wallace Kirschner
David Clark Mueller
Craig Harrison Ostfeld
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CLASSICS

Elizabeth Ann Fisher

ECONOMICS

Bernard Sholom Friedman
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ENGLISH

Gary Quintin Arpin
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Del Ivan Janik
Gary Michael Kaplan
Jan Pat Larson
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Richard Lawrence Ogden
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GERMAN

Linda Catherine Bryant
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Julie Christine Pagani
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HISTORY

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Carl Henrik Brodin
James Walter Dempsey
David Allison Gerber
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HISTORY AND LITERATURE OF RELIGIONS

William Jeffrey Settles, Jr.

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Michael Jeffrey Cowen
Edwin M. Klein
Barry Carroll Peterson

PHYSICS

Harold Matthew Spinka, Jr.

PHILOSOPHY

Patricia Ann Popkin
Cliff Gregory Russell

POLITICAL SCIENCE

Jay Steven Berlinski
Carolyn Amelia Billingsley
Jay Elliot Bovilski
Edward John Brunet
Thomas Edward Buess
Dean Arthur Dickie
Lawrence Peter Frank
Judith Karen Geist
Niki Louise Glanz
John Peter Gumbelvicus
Jeanne Ellene Maxant
Maureen Hallie Roberts
William Randolph Robie
John Edward Rossotti

PSYCHOLOGY

Mary Sue Flom
Joel Stuart Freund
Deborah Jo Milner
Judith Carrol Pagel
Donald Lee Patrick
Eleanor Handler Pemper
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Anne Marie Chenault	Jeanne Ellene Maxant
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Michael Stanly Harris	William John Stull
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THE SCHOOL OF LAW

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Cum Laude

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THE SCHOOL OF SPEECH

Degrees Awarded With Highest Distinction

Lily Fygetakis	Mary Camille Moore
Irene Wolff Leigh	

Degrees Awarded With Distinction

Sherry Lansing Brownstein	Susan Mildred Hubka
Allan Erwin Goodman	

NORTHWESTERN UNIVERSITY

THE SCHOOL OF MUSIC

Degree Awarded With Highest Distinction

Charleen Ruth Shand

Degrees Awarded With Distinction

Edward Allen Sheftel

Andrea Wray Urban

THE SCHOOL OF BUSINESS

MASTER OF BUSINESS ADMINISTRATION

RUBEN L. FREEMAN HONORS AWARD: John Robert Baum, Roger Wolfe Norian, Robert Dean Yelli

Degrees Awarded With Distinction

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David James Croft
Maurice Gilbert Friedman
Douglas Dean Hagestad
David Wesley Hargrove
Kenneth Edward Hennig
Joseph A. Hess
Thomas Alan Kaminski
Joseph Fred Knott

Peter Charles Kosche
Brian Louis Nahey
Roger Wolfe Norian
Roger Roland Pardo
Henry William Roberts
George Lovell Sneed
Robert William Thomas
George Riley Thurston, Jr.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Degrees Awarded With Highest Distinction

Melvin Sydney Adess
Robert Elliott Gooding, Jr.

Joseph Harris Wender

Degrees Awarded With Distinction

Jerome Phillip Akman
Joan Erzer Behrens

Samuel Spencer Stewart, Jr.
Helen Jo Wien

DELTA SIGMA PI KEY: Joseph Harris Wender

BETA GAMMA SIGMA

Bruce James Roth

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Evening Division

ALPHA KAPPA PSI MEDALLION: James Herman Garbrecht
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COMMERCE CLUB DIPLOMA AWARD: Muriel Frances Reder
FINANCIAL EXECUTIVES INSTITUTE ANNUAL AWARD: June Gertrude Ruth
DELTA SIGMA PI PRIZE: Jerome George Santowski
LYDIAN LEADERSHIP AWARD: Muriel Frances Reder
NORTHWESTERN UNIVERSITY EVENING STUDENT COUNCIL AWARD: Charles
B. Miller
OFFICE MANAGEMENT ASSOCIATION OF CHICAGO AWARD: Edward Aaron
Krause
PHI CHI THETA PRIZE: Sylvia Kay Bohrman
PHI GAMMA NU PRIZE: June Gertrude Ruth
JOSEPH SCHAFFNER PRIZE (DEGREE PROGRAM): Toney Terreo
JOSEPH SCHAFFNER PRIZE (DIPLOMA PROGRAM): June Gertrude Ruth
H. G. WRIGHT COMMERCE CLUB SCHOLARSHIP AWARD: Malcolm Mac-
Donald

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William Francis Berg	Marlene Joan Reimer
Joe Ronald Blackburn	Hans Harold Roderich
Patrick Eugene Donald	June Gertrude Ruth
Charles Andrew Gruenwald, Jr.	Jerome George Santowski
Gerald Joseph Hartlaub	Joseph Marion Serkowski
Lawrence Charles Hodapp, Jr.	Toney Terreo
Kenneth Walter Lossin	Robert Hugh Winkels
Eugene Alphonse Montonati	Dudley Yatabe
John Oster, Jr.	Harvey William Zajicek

BACHELOR OF BUSINESS ADMINISTRATION

Degrees Awarded With Distinction

Donald Paul Baiocchi	Toney Terreo
William Francis Berg	Dudley Yatabe
Frank Matthew Farleigh	Harvey William Zajicek
Joseph Marion Serkowski	

DIPLOMA IN BUSINESS

With Distinction

Jerome George Santowski

DIPLOMA IN PROFESSIONAL ACCOUNTING

With Distinction

June Gertrude Ruth

NORTHWESTERN UNIVERSITY

THE MEDILL SCHOOL OF JOURNALISM

MASTER OF SCIENCE IN JOURNALISM

Degrees Awarded With Distinction

David James Fields
Mary Margaret Knoblauch

Carolyn Ann Langway
James Kent Planck

BACHELOR OF SCIENCE IN JOURNALISM

Degree Awarded With Highest Distinction

Barbara Jean Dill

Degrees Awarded With Distinction

Dianne Bernice Ehlers
Linda Ann Grove
Penelope Allen Johnston

Carlton Richard Lutterbie, Jr.
David Raymond Rehder
Rebecca Jean Welch

THE SCHOOL OF EDUCATION

Degree Awarded With Highest Distinction

Rochelle Kanter Kelz

Degrees Awarded With Distinction

Phillip Russell Hagstrom
Susan Frieda Olson

Susan Miriam Prauer
Karen Mills Wilson

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"H" Charles Vogt

Phillip Beau Zeman

THE CAP AND GOWN

The cap and gown are worn by each participant in the Commencement exercises. The cap is worn throughout the ceremonies, except during the national anthem and the invocation. The tassel colors, which indicate the different Schools and departments, are as follows:

Graduate	<i>Black</i>	Speech	<i>Silver Gray</i>
Arts and Sciences	<i>White</i>	Education	<i>Light Blue</i>
Medicine	<i>Green</i>	Journalism	<i>Crimson</i>
Law	<i>Purple</i>	Technological Institute	<i>Orange</i>
Dentistry	<i>Lilac</i>	Traffic Institute	<i>Acorn and White</i>
Music	<i>Pink</i>	Evanston Hospital, Passa-	
Business	<i>Acorn</i>	vant Hospital, Chicago	
		Wesley Hospital	<i>Apricot</i>

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BACCALAUREATE CHAIRMAN	CHAPLAIN RALPH G. DUNLOP
CHIEF MARSHAL	GEORGE A. BEAUCHAMP
Baccalaureate Marshal	LAWRENCE G. LAVENGOOD
Chairman of Marshals for the Faculty at Commencement ..	CHARLOTTE I. LEE
Chairman of Marshals for Students at Commencement	GERALD L. SMITH
Marshal for Recipients of Honorary Degrees	HOWARD F. BENNETT
AUDITORIUM MARSHAL AT COMMENCEMENT ...	ERNEST A. NORDSTROM
Lobby Marshal at Commencement	JEREMY R. WILSON
Chairman of Door Marshals at Commencement	CHARLES L. LONGWELL
Assistant Chairmen of Door Marshals	FRANK O'CONNER, SIDNEY RICHARDSON, ELMER VAN RENGEN
Chairman of Aisle Marshals at Commencement	MURRAY D. MYERS
Assistant Chairman of Aisle Marshals	WILLIAM E. DIETRICH
Chairman of Ushers at Commencement	ROBERT B. HATTER
Assistant Chairman of Ushers	GERALD L. HITZEMAN
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Assistant Chairman of Program Distributors	CHARLES L. DOUGHERTY
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CAPS AND GOWNS	NATALIE WEBER
MUSIC	GEORGE HOWERTON, JOHN P. PAYNTER
EMERGENCY MEDICAL SERVICE	DR. LEONA B. YEAGER
PUBLICITY	SAM H. SARAN
STAFF ASSISTANTS	MELBA PETERSON, ELLEN STEWART, ALED WOLD
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THE UNIVERSITY HYMN

Hail to Alma Mater!
We will sing thy praise forever;
All thy sons and daughters
Pledge thee victory and honor.
Alma Mater, praise be thine,
May thy name forever shine!
Hail to Purple! Hail to White!
Hail to thee, Northwestern!

